



Door Sealing Systems

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WHEN ENVIRONMENT MATTERS

Some environments demand meticulous attention to detail, leaving nothing to chance. That's when you can rely on the Allegion Zero International line of products. Our offerings include gasketing, thresholds, automatic door bottoms, and a range of accessories designed to ensure that every critical opening operates as intended—minimizing airflow, energy loss, and sound to as close to zero as possible. Whether you need products to help you achieve LEED certification, control airflow, improve energy efficiency, or contain sound, the Zero line combines aesthetics and sustainability with durability and performance. Additionally, with our versatile custom engineering solutions, we can tackle any challenge that comes our way.



Quality

Every Zero product is designed for premium performance. Whether it's an innovative feature that aids installation, a material that enhances reliability, or a sustainable design that promotes energy efficiency, nothing is left to chance with Zero.



Longevity

Allegion Zero products are meticulously engineered for longevity, using high-quality materials and innovative designs that deliver robust sealing solutions suitable for extreme environmental conditions.



Versatility & Breadth of Options

Zero provides a comprehensive selection of door sealing solutions for practically any opening, ensuring we can fulfill your needs when—environment truly matters.

Base Materials

Aluminum

Aluminum products are extruded from the 6063 alloy with hardness of T5 or T6. A variety of finishes are available. See specific model numbers for available finishes. Anodized options are offered to provide a more aesthetically pleasing look. On some products like thresholds they will show more wear in high-use areas and carry a limited warranty excluding normal wear. Aluminum mill finish will wear better in high traffic application thresholds.

Bronze

Bronze products are extruded from brass alloy 380, technically known as “architectural bronze”. It contains 57.5% copper, 41% zinc, 1.3% lead, and 0.2% aluminum. When furnished in mill finish, a light golden color, it oxidizes over time to a rich darkened bronze.

Spring Bronze

Rolled bronze, used only for cushion and spring material, is technically known as commercial bronze. The alloy is 85-90% copper and 10-15% zinc. Commonly used material in weatherstripping applications.

Zinc

Rolled zinc is alloy 191, and is highly resistant to corrosion. When exposed to the elements, a zinc carbonate film is formed providing long-term protection. Commonly used material in weatherstripping applications.

Synthetic Rubber Blend

The synthetic rubber blend is a dense and durable material, offering a well-balanced combination of properties. Black in color, it provides excellent insulation and cushioning, making it ideal for demanding applications. With its long lifespan, minimal maintenance requirements, and sturdy construction, this rubber blend is well suited for high-traffic openings in schools, hospitals, universities, and government buildings

Silicone

Silicone, typically black in color when used in head and jamb gasketing, is a versatile material that is made from silicone rubber, a synthetic polymer composed of silicon, oxygen, carbon, and hydrogen. Silicone can withstand extreme temperatures and harsh environmental conditions, maintaining its shape and elasticity even under long-term compression and decompression. This makes it suitable for outdoor and industrial environments.

Intumescent

Intumescent materials in perimeter seals are crucial for fire protection, expanding under high temperatures to form an insulating barrier that prevents fire and smoke spread. Zero’s intumescent technology meets stringent international and U.S. positive pressure requirements, offering top-quality fire and smoke seals. Our products are tested under categories like Category G for edge-sealing and Category H for smoke control, ensuring compliance with standards such as UL 10C and BS 476-Part 22. By integrating intumescent materials into OEM Category A doors, Zero eliminates the need for additional seals for positive-pressure ratings, although smoke seals may still be necessary. These solutions enhance safety by providing reliable fire resistance and smoke control.

Polypropylene Brush (Pile)

The inert polypropylene polymer resists deterioration under harsh environmental conditions and features a “brush” made of durable polypropylene fibers. They are welded together to resist corrosion, unlike the metal carrier of a traditional brush. The polypropylene fin running down the center of the fibers is unique. The fin is every bit as flexible as the fibers themselves and is great for applications where aesthetics and quiet operation is important.

Nylon Brush

This material consists of bristles made from nylon fibers. It is commonly used in door sweeps and seals where a flexible barrier is needed to block drafts, dust, and insects while allowing for some movement. Nylon brushes are stiff, durable, and resistant to wear and tear. Nylon brush is effective in high-traffic areas where doors are frequently opened and closed, such as commercial applications, like retail stores, offices and hospitality spaces, as well as industrial sites.

Vinyl

Vinyl is flexible and effective, providing a barrier against drafts, moisture, dust, and insects. Additionally, vinyl is easy to clean and maintain. Vinyl is considered lighter duty compared to materials like heavy-duty rubber, making it ideal for applications where less intense wear and tear is expected.

Product Symbols and Classification Standards



ADA ACCESSIBLE

For use with ADA compliant doors meeting requirements of ICC/ANSI A117.1-2017 Standard for Accessible and Usable Buildings and Facilities, and IBC 2018.



AIR INFILTRATION

Tested in accordance with ASTM E-283 Standard Test for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors.



BHMA

ANSI/BHMA certifications are product category specific. Please contact technical support for details specific to each model #



FIRE RATED-UL10B

UL Classified to ANSI/UL 10B, Fire Tests of Door Assemblies, for application to hollow metal type fire doors rated up to 3 hours, fiberglass or wood composite type fire doors rated up to 1-1/2 hours, and wood type fire doors rated up to 20 minutes.



FIRE RATED-UL10C

UL Classified to ANSI/UL 10C, Positive Pressure Fire Tests of Door Assemblies, for application to hollow metal type fire doors rated up to 3 hours, fiberglass or wood composite type fire doors rated up to 1-1/2 hours, and wood type fire doors rated up to 20 minutes.



SMOKE AND DRAFT CONTROL

UL Classified to ANSI/UL 10C and ANSI/UL 1784 as Category H Smoke and Draft Control Gasketing. Complies with IBC and NFPA 105 for use on "S" labeled positive pressure fire doors. Check UL File # R18465 for complete details of fire door requirements and ratings for models marked with this symbol.



SOUND

Acoustical rating achieved by OEM testing using specific door assembly configurations.



01

Thresholds

Door Sealing Systems



Door Sealing Systems Index

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Thresholds Overview

Zero® offers a comprehensive range of sealing solutions specifically designed to meet the diverse demands of various environments.

Zero Preferred



Zero® offers a comprehensive range of sealing solutions specifically designed to meet the diverse demands of various environments. The Zero Preferred™ Series is ideal for high-use and abuse environments like schools, hospitals, and universities. It is made from top-quality materials, featuring thicker extruded aluminum for exceptional reliability and durability in challenging conditions. Some thresholds in this series include an extruded bulb finger double sealing system for superior performance. These innovative designs from Zero make it easy to maintain a tight seal, even when doors are not perfectly aligned, enhancing both performance and peace of mind.

Zero Everyday



Meanwhile, the Zero Everyday™ Series is designed for medium to light-duty applications, and provides reliable solutions perfectly suited for multifamily residences, hospitality, retail, and commercial offices. This family of products prioritizes availability, affordability and ease of installation. Zero Everyday™ Series is ideal for projects that don't require premium materials but still demand reliable performance from a brand you trust.

Types of Thresholds

Thresholds are essential components of door assemblies, designed to bridge the gap between the bottom of a door and the floor. While all thresholds serve the purpose of sealing gaps and providing smooth transitions, they come in various types, each suited for specific applications. Below is an overview of common threshold types and their purposes:



Model #63

Saddle Thresholds

Known as the most common type of threshold with a flat, saddle-like profile for smooth transitions between floor surfaces, sealing gaps under doors to prevent drafts, moisture, and debris.



Model #1545

Half-Saddle Thresholds

These thresholds are flat on one side, sloped on the other making them ideal for flush surfaces meeting raised floors or sills.



Model #102

Offset Thresholds

Offset thresholds feature a stepped design that bridges uneven floor heights and seals under doors.



Model #65

Rabbeted Thresholds

These thresholds have a raised edge that interlocks with door bottom for enhanced sealing and weatherproofing.

Types of Thresholds



Model #624

Thermal Break Thresholds

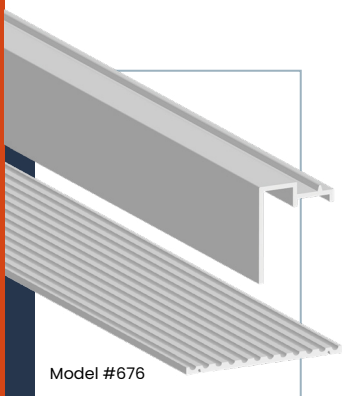
Thermal break thresholds insulate the barrier to prevent temperature transfer and frost infiltration.



Model #522

Carpet Divider Thresholds

Carpet divider thresholds provide clean transitions between carpet and other flooring while protecting carpet edges.



Model #676

Adjustable Thresholds

These thresholds have interlocking plates accommodate uneven floors and door clearances.

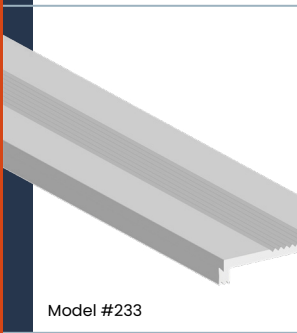


Model #2676

Traction Tread Adjustable Thresholds

Thresholds featuring an adjustable height with textured surface for grip.

Types of Thresholds



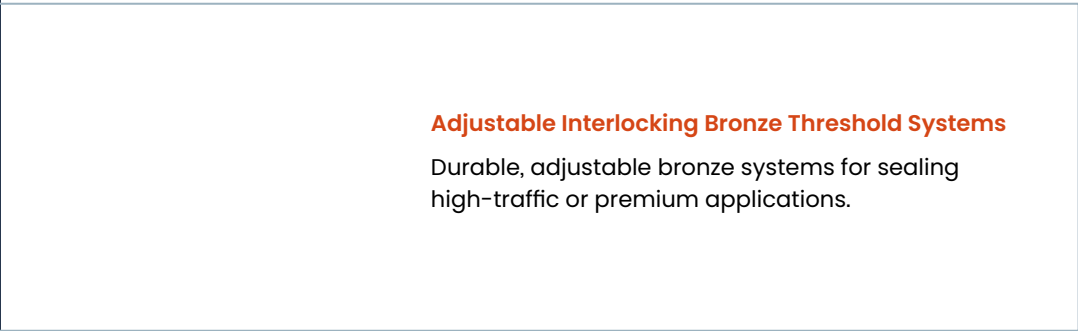
Ramps

Ramps have a sloped design for wheelchairs and carts, ensuring ADA compliance and accessibility.



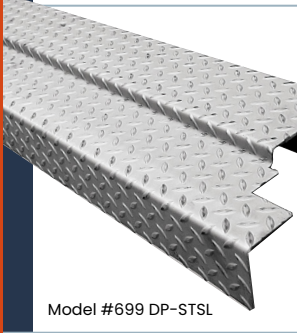
Interlocking Thresholds

These components interlock with door bottoms for superior sealing against air, water, and sound.



Adjustable Interlocking Bronze Threshold Systems

Durable, adjustable bronze systems for sealing high-traffic or premium applications.



Specialized Thresholds

Designed for unique needs like fire-rated doors, soundproofing, or extreme weather.

Thresholds

Thresholds Order Guide

| Models | Finishes | Options | Fasteners | Length |
|--------|----------|---------|-----------|--------|
| 1 | 2 | 3 | 4 | 5 |
| 63 | A | EV3 | 221 | 36 |

| How to Order | | Examples |
|--------------|-----------|--|
| 1 | Models | 63 - 3" Saddle threshold 546 - 6" Saddle threshold 236 - Ramp 674 - Adjustable threshold 1674 - Half-saddle threshold |
| 2 | Finishes | A - Aluminum mill finish D - Aluminum dark bronze anodized G - Aluminum gold anodized BK - Black anodized B - Bronze, architectural mill finish B-ORB - (US10B/613) Oil rubbed, aged bronze Note: No E, V3, EV3, EL, ELV3 if ORB is requested. B-SAT - Satin polished bronze B-POL - High buff polished bronze |
| 3 | Options | Blank - No options E - Epoxy tread EL - Photoluminescent and epoxy tread V3 - Full body strength EV3 - Epoxy and V3 ELV3 - Photoluminescent epoxy and V3 NH - No mounting holes WH - Weep hole (available on 76, 175 models only) BV - Beveled edges (length only - 600 and 601 models only) |
| 4 | Fasteners | Blank - Standard screws 221 - Plastic anchors 222 - Lead shield 223 - MSLA-10, Anchor with machine screw, 10-24 224 - MSLA-4, Anchor with machine screw, 1/4"-20 226 - Stainless steel anchor, 1/4" x 3" |
| 5 | Length | Use decimal to nearest 1/8" Increment |

Thresholds

Accessories and Options

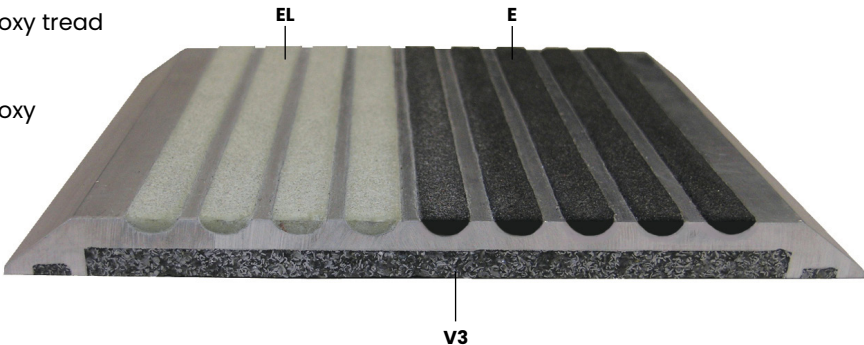
Finishes



*Black, dark bronze and gold anodized aluminum finishes will show wear over time and are not included in the standard warranty. Black, dark bronze and gold anodized aluminum finished products may require a longer lead time, please contact customer service for accurate lead times.

Options

- E** Epoxy abrasive tread
- EL** Photoluminescent and abrasive epoxy tread
- V3** Full body strength
- ELV3** Photoluminescent and abrasive epoxy tread, full body strength fill
- EV3** Epoxy and full body strength
- NH** No holes
- WH** Weep hole (available on 76, 175 models only)
- BV** Beveled edges (length only - 600 and 601)



Non-Slip Epoxy Abrasive (E or EL)

Thresholds can be ordered with non-slip epoxy abrasive particles bonded into the grooves, with (EL) or without (E) photoluminescence for exit path markings. The tread provides a coefficient of friction of 1.02 dry and 0.98 wet to comply with ADA, OSHA and most local building code requirements.

Full Body Strength (V3)

An aluminum composite filler containing aluminum oxide and silicon carbide. Available as option for most profiles, with no requirement for customized extrusions. Ideal applications include: heavy commercial traffic in supply rooms, manufacturing plants, schools, cafeterias, automobile dealers, hospitals, industrial facilities. This option is not fire rated.

No Holes (NH)

Models supplied standard without mounting holes are noted on the product pages. All other models are supplied standard with mounting holes. Specify NH to order models without mounting holes drilled.

Thresholds

Saddle Thresholds

Saddle thresholds are the most common type, featuring a flat, saddle-like profile. They provide a smooth transition between two floor surfaces while sealing gaps under doors to prevent drafts, moisture, and debris from entering. These thresholds are versatile and can be used in a variety of settings, including commercial, residential, and institutional environments.

Thresholds

Saddle Thresholds

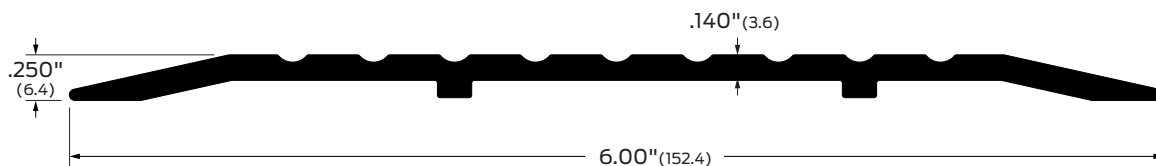
| | |
|---|---|
| <div>63</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: </div> </div> | <div>64</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: </div> </div> |
| <div>544</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: </div> </div> | |
| <div>545</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: </div> </div> | |
| <div>545B</div> <div>Zero Preferred</div> <div> <div> Finishes: Bronze, architectural mill finish; Oil-rubbed bronze </div> <div> Option: E, EL, V3, EV3, ELV3 (not available for B-ORB finish) </div> <div> Certifications: </div> </div> | |

Thresholds

Saddle Thresholds

546

Zero Preferred ✓



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

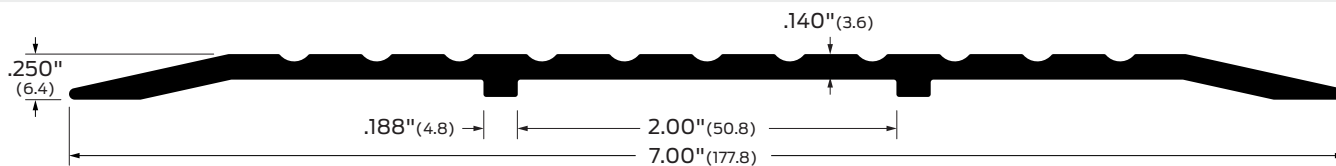
E, EL, V3, EV3, ELV3

Certifications:



547

Zero Preferred ✓



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

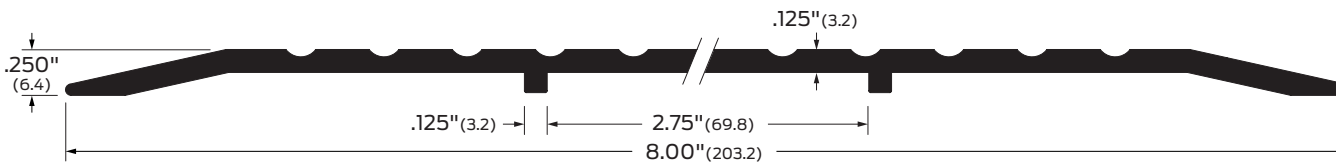
E, EL, V3, EV3, ELV3

Certifications:



548

Zero Preferred ✓



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

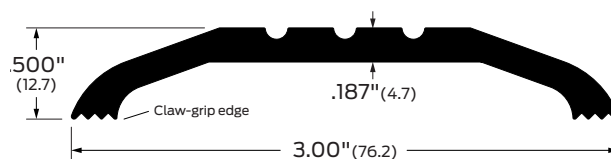
E, EL, V3, EV3, ELV3

Certifications:



653

Zero Preferred ✓



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

E, EL, V3, EV3, ELV3

Certifications:



Thresholds

Saddle Thresholds

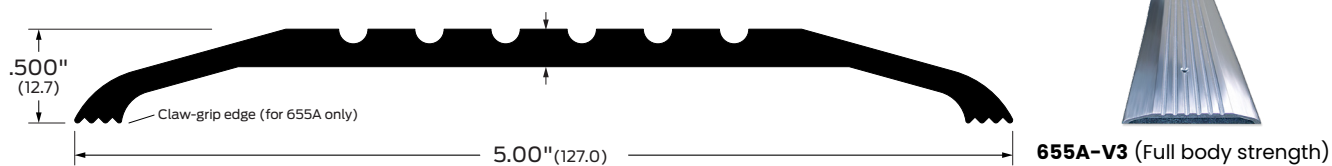
| | | |
|--|--|----------------------------|
| 654 | Zero Preferred | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze | Option: E, EL, V3, EV3, ELV3 (not available for B-ORB finish) | Certifications: |
| 664 | Zero Preferred | |
| Finishes: Stainless steel only | Option: E, V3, EV3 | Certifications: |
| 164 | Zero Preferred | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | Option: N/A | Certifications: |
| 164B | Zero Preferred | |
| Finishes: Bronze, architectural mill finish; Oil-rubbed bronze | Option: N/A | Certifications: |

Thresholds

Saddle Thresholds

655

Zero Preferred ✓


Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

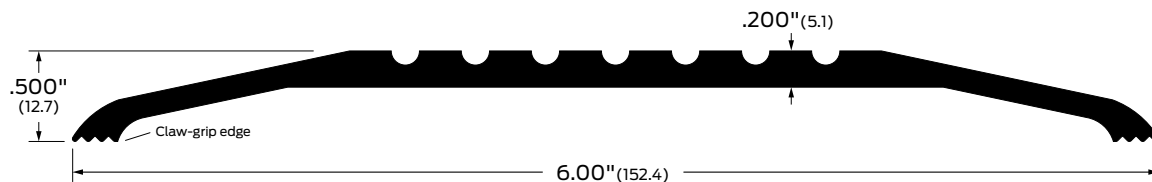
Option:

E, EL, V3, EV3, ELV3
(not available for B-ORB finish)

Certifications:

656

Zero Preferred ✓



Supplied without mounting holes.

Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

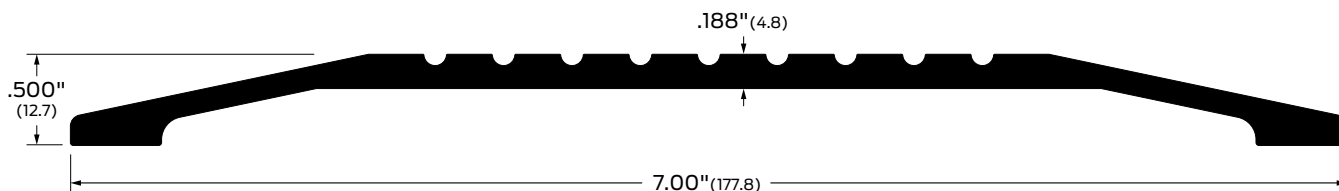
Option:

E, EL, V3, EV3, ELV3

Certifications:

6570

Zero Preferred ✓



Supplied without mounting holes.

Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

E, EL, V3, EV3, ELV3

Certifications:


Thresholds

Saddle Thresholds

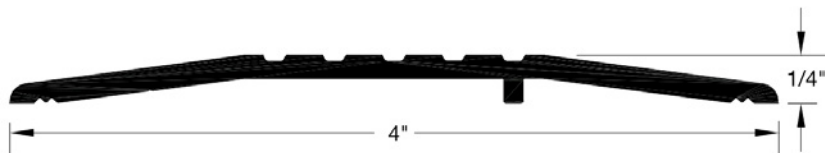
| | |
|--|----------------|
| 647 | Zero Preferred |
| <p>Supplied without mounting holes.</p> <p>Finishes: Bronze, architectural mill finish; Oil-rubbed bronze</p> <p>Option: E, EL, V3, EV3, ELV3 (not available for B-ORB finish)</p> <p>Certifications: </p> | |
| 657 | Zero Preferred |
| <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: </p> | |
| 6575 | Zero Preferred |
| <p>Note: Model 6570 (see Saddle Thresholds section) may also be suitable for this application (Type 1 only), depending on configuration with floor-mounted automatic door closers. Check that the bevel allows adequate clearance.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: </p> | |

Thresholds

Saddle Thresholds

8644

Zero Everyday ☒



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized

Option:

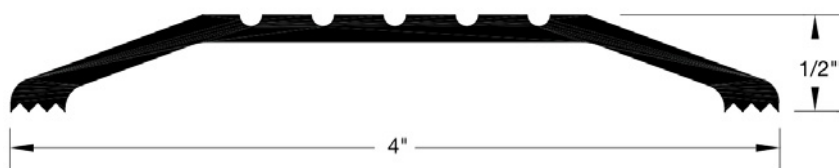
N/A

Certifications:



8645

Zero Everyday ☒



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized

Option:

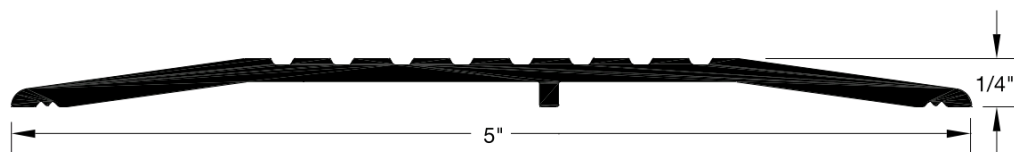
N/A

Certifications:



8654

Zero Everyday ☒



Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized

Option:

E, EL, V3,
EV3, ELV3

Certifications:



Thresholds

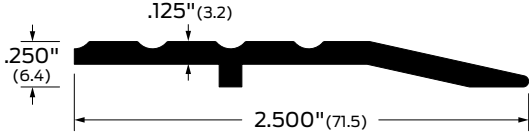



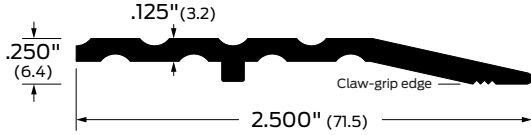



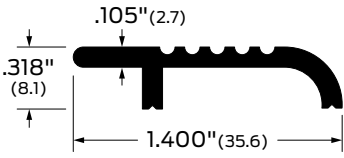


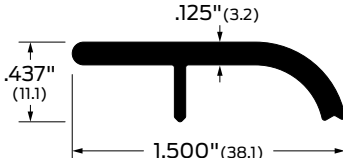


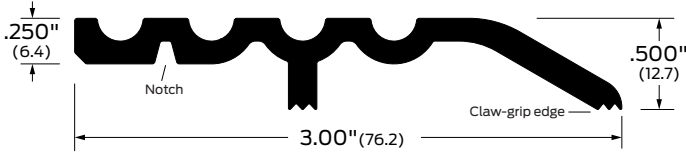


Saddle Thresholds

| | |
|--|---|
| 8655 | Zero Everyday <input checked="" type="checkbox"/> |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |
| 8664 | Zero Everyday <input checked="" type="checkbox"/> |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized | |
| Option: N/A | |
| Certifications: | |
| 8665 | Zero Everyday <input checked="" type="checkbox"/> |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized | |
| Option: N/A | |
| Certifications: | |

Thresholds

Half-Saddle Thresholds

Half-saddle thresholds have a unique design with a flat profile on one side and a sloped edge on the other. This configuration makes them ideal for situations where one side of the threshold must meet a flush surface, while the other accommodates a raised floor or sill. They are frequently employed in retrofit projects or where there are varying floor levels.

| | |
|---|--|
| <div>1545</div> <div>Zero Preferred</div>  <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications:    </div> </div> | <div>1545B</div> <div>Zero Preferred</div>  <div> <div> Finishes: Bronze, architectural mill finish; Oil-rubbed bronze </div> <div> Option: E, EL, V3, EV3, ELV3 (not available for ORB finish) </div> <div> Certifications:    </div> </div> |
| <div>15</div> <div>Zero Preferred</div>  <div> <div> Finishes: Bronze, architectural mill finish; Oil-rubbed bronze </div> <div> Option: N/A </div> <div> Certifications:   </div> </div> | <div>304</div> <div>Zero Preferred</div>  <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: N/A </div> <div> Certifications:   </div> </div> |
| <div>1673</div> <div>Zero Preferred</div>  <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications:   </div> </div> <div>Note: Notch allows use with adjustable threshold system. (See p.23)</div> | |

Thresholds

Half-Saddle Thresholds

| | |
|--|----------------|
| 1674 | Zero Preferred |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |
| 1675 | Zero Preferred |
| | |
| Note: Notch allows use with adjustable threshold system. (See pg. 23) | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |
| 627 | Zero Preferred |
| | |
| Neoprene extruded bulb/finger for secure seal. | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |

Thresholds

Half-Saddle Thresholds

| | |
|---|--|
| <p>628 Zero Preferred</p> <p>Neoprene extruded bulb/finger for secure seal.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: 10C</p> | <p>523 Zero Preferred</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA 10C</p> |
| <p>524 Zero Preferred</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA 10C</p> | <p>622 Zero Preferred</p> <p>Also suitable for use as carpet divider threshold. ADA compliant when installed flush with the flooring.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA 10C</p> |
| <p>623 Zero Preferred</p> <p>Also suitable for use as carpet divider threshold. ADA compliant when installed flush with the flooring.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: 10C</p> | |

Thresholds

Offset Thresholds

Offset thresholds are characterized by a stepped design that accommodates different floor heights on either side of the door. Their primary purpose is to bridge uneven floor surfaces and provide a secure seal beneath the door. These thresholds are commonly used in exterior door applications and areas with significant floor height differences.

| | | |
|-----|----------------|--|
| 102 | Zero Preferred | <p>Accessibility offset. Supplied without mounting holes.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> |
| 104 | Zero Preferred | <p>Supplied without mounting holes.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> |
| 103 | Zero Preferred | <p>Supplied without mounting holes. Accessibility offset.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> |

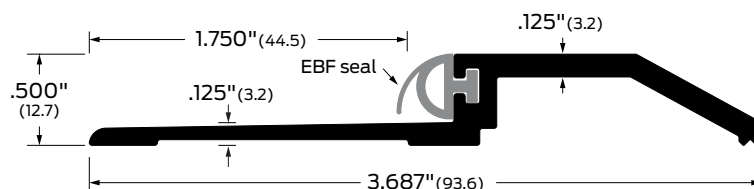
Thresholds

Rabbeted Thresholds

Rabbeted thresholds include a raised edge, or "rabbet," that interlocks with the bottom of the door. This design enhances sealing and weatherproofing by creating a tight fit between the door and threshold. They are particularly suitable for exterior doors, where preventing water, air, and debris infiltration is critical.

564

Zero Preferred ✓



Suitable for sound control applications and OEM use.
Neoprene extruded bulb/finger for secure seal.

Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

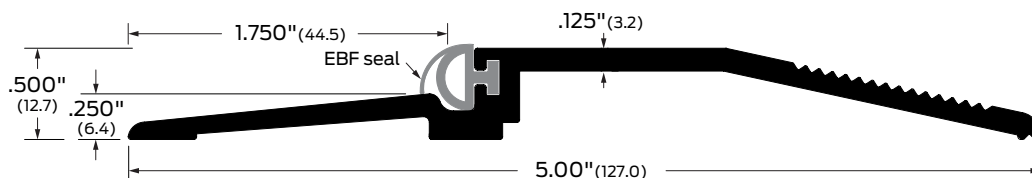
Option:

E, EL, V3, EV3, ELV3 (not available for B-ORB finish)

Certifications:

566

Zero Preferred ✓



Neoprene extruded bulb/finger for secure seal.

Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

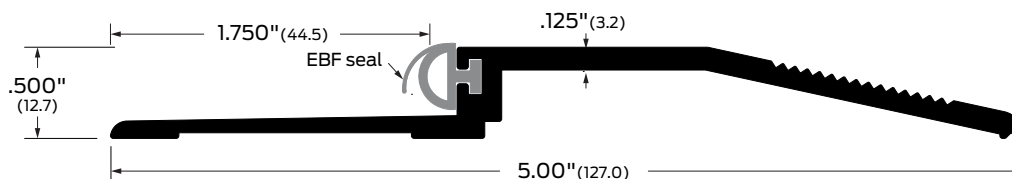
Option:

E, EL, V3, EV3, ELV3

Certifications:

567

Zero Preferred ✓



Extruded bulb/finger for double-sealing protection.

Finishes:

Bronze, architectural mill finish; Oil-rubbed bronze

Option:

E, EL, V3, EV3, ELV3 (not available for B-ORB finish)

Certifications:

Thresholds

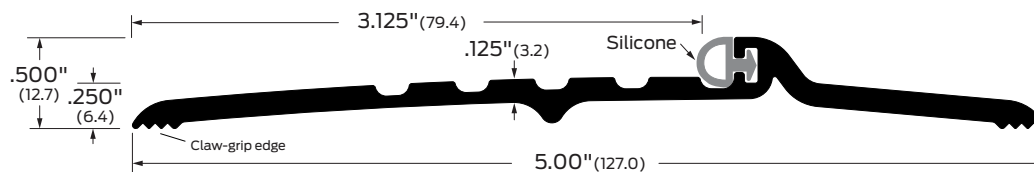
Rabbeted Thresholds

| | |
|---|----------------|
| 568 | Zero Preferred |
| <p>Neoprene extruded bulb/finger for secure seal.</p> | |
| <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: </p> | |
| 267 | Zero Preferred |
| <p>Suitable for uneven floors. Neoprene extruded bulb/finger for secure seal.</p> | |
| <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> | |
| 265 | Zero Preferred |
| <p>For latch track hardware. Neoprene extruded bulb/finger for secure seal.</p> | |
| <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: </p> | |

Thresholds

Rabbeted Thresholds

65

Zero Preferred 

For latch track hardware.

Finishes:

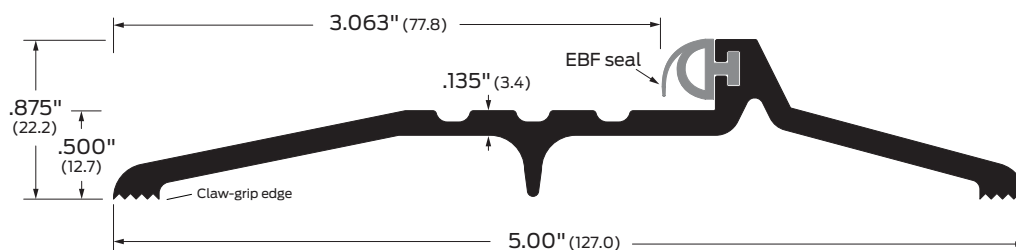
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

Option:

E, EL, V3, EV3, ELV3 (not available for B-ORB finish)

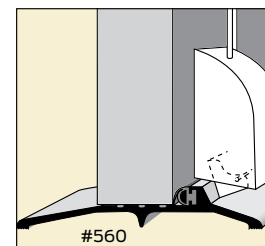
Certifications:

560

Zero Preferred 

For latch track hardware.

Neoprene extruded bulb/finger for secure seal.



Specially designed for bottom-latching exits and locks.

Finishes:

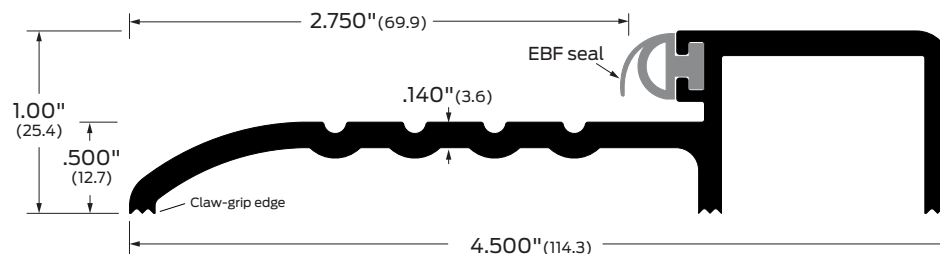
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

E, EL, V3, EV3, ELV3

Certifications:

561

Zero Preferred 

Neoprene extruded bulb/finger for secure seal.

Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

E, EL, V3, EV3, ELV3

Certifications:

Thresholds

Rabbeted Thresholds

| | |
|--|----------------|
| 563 | Zero Preferred |
| <p>Neoprene extruded bulb/finger for secure seal.</p> | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: BHMA CERTIFIED 10C | |
| 565 | Zero Preferred |
| <p>Neoprene extruded bulb/finger for secure seal.</p> | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze | |
| Option: E, EL, V3, EV3, ELV3 (not available for B-ORB finish) | |
| Certifications: BHMA CERTIFIED 10C | |
| 663 | Zero Everyday |
| <p>Rabbeted, butt and transition. Supplied without mounting holes.</p> | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: BHMA CERTIFIED 10C | |

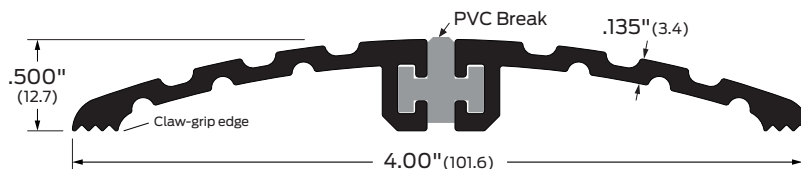
Thresholds

Thermal Break Thresholds

Thermal break thresholds incorporate an insulating barrier, often made of polyurethane or vinyl, separating the interior and exterior portions of the threshold. They are specially designed to prevent the transfer of outside temperature and frost to the interior side of the door. They are commonly found in energy-efficient buildings.

624

Zero Preferred ✓


Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

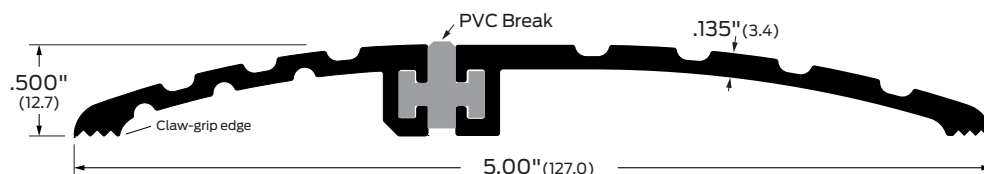
Option:

E, EL, V3, EV3, ELV3

Certifications:

625

Zero Preferred ✓


Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

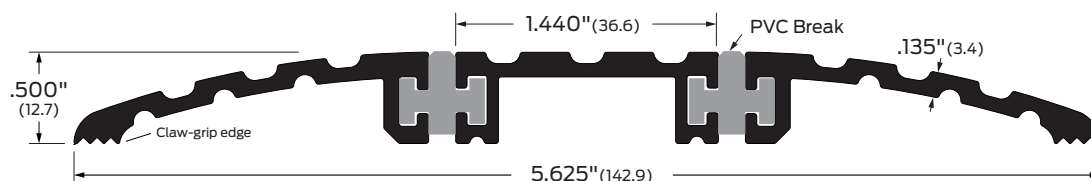
Option:

E, EL, V3, EV3, ELV3

Certifications:

8724

Zero Preferred ✓


Finishes:

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

E, EL, V3, EV3, ELV3

Certifications:


Thresholds

Thermal Break Thresholds

| | |
|--|----------------|
| 626 | Zero Preferred |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |
| 8726 | Zero Preferred |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |
| 525 | Zero Preferred |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | |
| Certifications: | |

Thresholds

Thermal Break Thresholds

| | |
|--|----------------|
| 526 | Zero Preferred |
| <p>Neoprene extruded bulb/finger for secure seal.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA CERTIFIED 10C</p> | |
| 8729 | Zero Preferred |
| <p>Neoprene extruded bulb/finger for secure seal.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA CERTIFIED 10C</p> | |

Thresholds

Carpet Divider Thresholds

Carpet divider thresholds are specifically designed to transition between carpeted areas or between carpet and other flooring types. Their purpose is to provide a clean and secure transition while protecting the edges of the carpet. These thresholds are typically used in offices, hotels, and other commercial spaces with carpeted flooring.

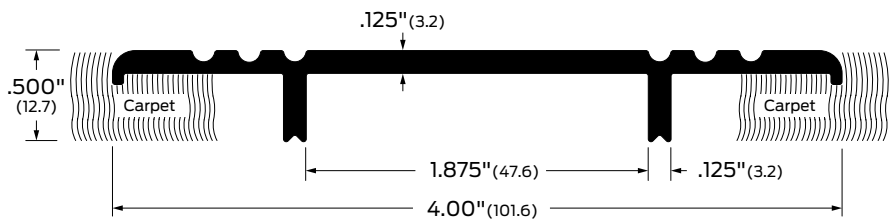
| | |
|--|---|
| <div> <div>522</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: BHMA CERTIFIED 10C </div> </div> | <div> <div>643</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: BHMA CERTIFIED 10C </div> </div> |
| <div> <div>1682</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, V3, EV3, ELV3 </div> <div> Certifications: BHMA CERTIFIED 10C </div> </div> | <div> <div>1682B</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> Finishes: Bronze, architectural mill finish; Oil-rubbed bronze </div> <div> Option: E, EL, V3, EV3, ELV3 (not available for B-ORB finish) </div> <div> Certifications: BHMA CERTIFIED 10C </div> </div> |

Thresholds

Carpet Divider Thresholds

1684

Zero Preferred



Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
E, EL, V3, EV3, ELV3



1685R

Zero Everyday



Traction Tread™ rubber for non-rated door. Supplied without mounting holes.

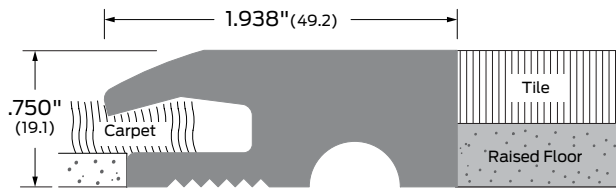
Finishes:
Black only

Option:
N/A

Certifications:
N/A

1686R

Zero Everyday



Traction Tread™ rubber for non-rated door. Supplied without mounting holes.

Finishes:
Black only

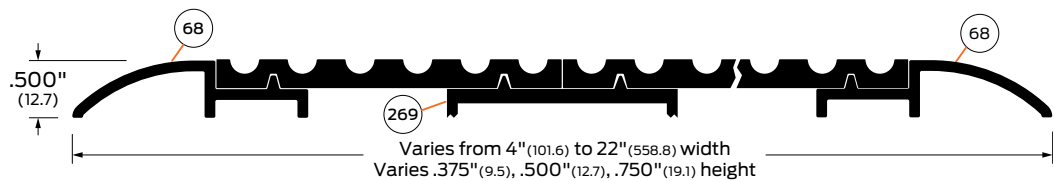
Option:
N/A

Certifications:
N/A

Thresholds

Adjustable Thresholds

Adjustable thresholds feature threshold rests that interlock with various size plates. They are much easier to trim and fit than conventional, single-size cast-bronze thresholds. They install without exposed screws on the base for better aesthetics and durability. They are particularly useful for compensating for uneven floors or door clearances, ensuring optimal sealing. These thresholds are commonly used in retrofits, remodels, or installations where floor levels are inconsistent.



| | |
|---|---|
| <div>672</div> <div>Zero Preferred</div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>673</div> <div>Zero Preferred</div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>E, EL (not available for B-ORB finish)</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> |
| <div>674</div> <div>Zero Preferred</div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>E, EL (not available for B-ORB finish)</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | |
| <div>675</div> <div>Zero Preferred</div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | |

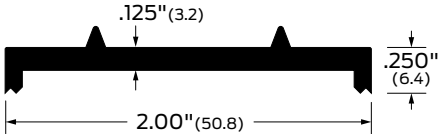

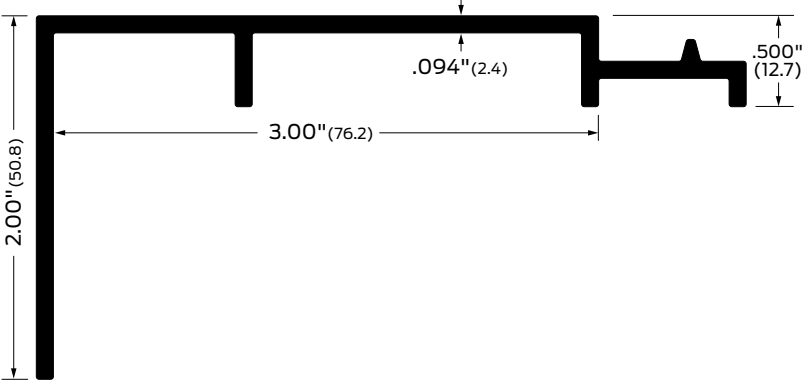

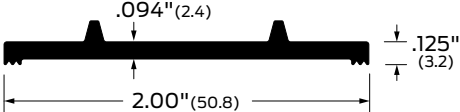

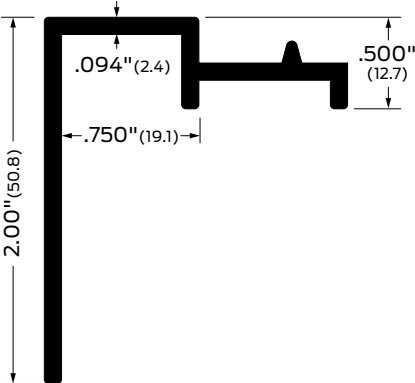

Thresholds

Adjustable Thresholds

| | |
|--|----------------|
| 676 | Zero Preferred |
| | |
| Supplied without mounting holes. | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze | |
| Option: E, EL (not available for B-ORB finish) | |
| Certifications: | |
| 678 | Zero Preferred |
| | |
| Supplied without mounting holes. | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL | |
| Certifications: | |
| 6710 | Zero Preferred |
| | |
| Supplied without mounting holes. | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL | |
| Certifications: | |

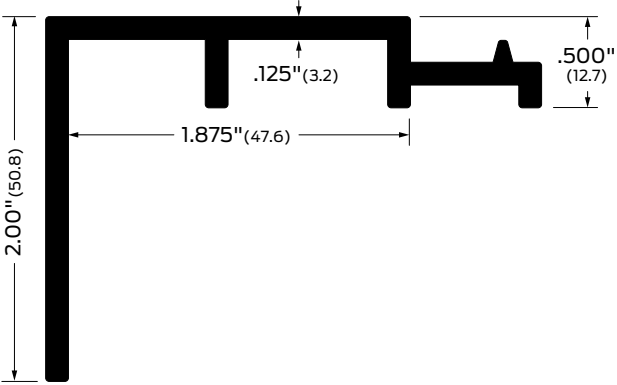

Thresholds

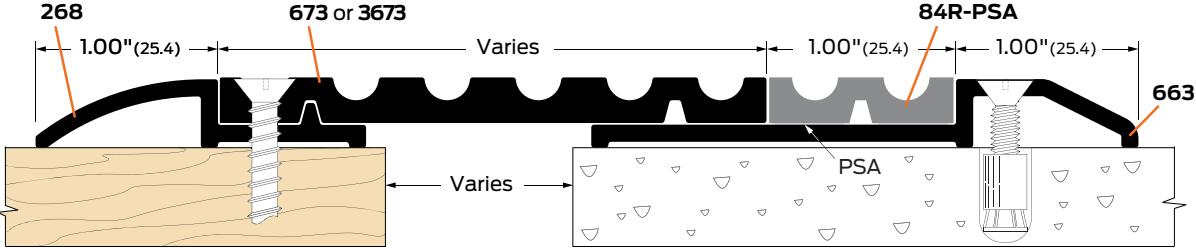

Adjustable Thresholds

| | |
|--|--|
| <div>269</div> <div>Zero Preferred</div> <div>  </div> <div>Connector plate</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> | <div>105</div> <div>Zero Preferred</div> <div>  </div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> |
| <div>469</div> <div>Zero Preferred</div> <div>  </div> <div>Connector plate</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> | <div>106</div> <div>Zero Preferred</div> <div>  </div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> |

Thresholds

Adjustable Thresholds

| | |
|---|---|
| 107 | Zero Preferred |
|  | |
| Supplied without mounting holes | |
| Finishes: Bronze, architectural mill finish; Oil-rubbed bronze | |
| Option: E, EL | Certifications:  |

| | |
|---|---|
| Series 671 | Zero Preferred |
|  | |
| Order components separately. Floor cover for 1" expansion joints, surface. Ideal for use as transition threshold for free-floating wood gymnasium floors. Requires a 1/8" gap between metal and rubber components to prevent damage to rubber from expansion pressures. | |
| Finishes: N/A | |
| Option: N/A | Certifications:  |

Thresholds


Adjustable Thresholds

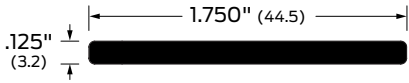
| | |
|--|---|
| <div>84R-PSA</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Gray, Aluminum black anodized</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>268</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |
| <div>68</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>168</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |
| <div>69</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>48</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |

Thresholds

Adjustable Thresholds

49

Zero Preferred 



Threshold prep/shim. Supplied without mounting holes.


Finishes:

Aluminum mill finish

Option:

N/A

Certifications:



Thresholds

Traction Tread Adjustable Thresholds

These thresholds feature an adjustable height mechanism along with a textured surface for improved grip. Their purpose is to provide a secure, non-slip surface while maintaining a tight seal under the door. They are ideal for areas prone to moisture, such as entrances to commercial kitchens or industrial facilities.

Traction Tread™ thresholds and nosings are available with an epoxy abrasive (non-slip particles) bonded into the grooves, or with formulated rubber inserts.

Rubber traction tread: Attractive, smooth, tough rubber inserts that are flush with the aluminum surface for indoor applications. The aluminum/rubber combination is easy to cut and drill at the job site. Superior non-slip traction with great longevity. Available in black color only. Rubber traction tread is standard, unless Abrasive (E) Traction tread is specified.

Abrasive traction tread (E): The ultimate safety surface. This extremely durable surface provides a high degree of safety for outdoor applications and is ideal for schools, hospitals, industrial buildings. The epoxy abrasive particle mix is bonded to the aluminum base. Available in black color only.

Photoluminescent traction tread (EL): Rubber or abrasive traction tread integrated with epoxy abrasive photoluminescent tread. For indoor exit path applications.

Threshold Assembly Applications

Zero Preferred

Note: Order components separately. Suitable for slip-resistant applications.

Finishes:

N/A

Option:

N/A

Certifications:

Thresholds

Traction Tread Adjustable Thresholds

Threshold Assembly Applications

| | |
|--|--|
| <div> <div>3672</div> <div>Zero Preferred </div> </div> <p>Supplied without mounting holes.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> | <div> <div>3673</div> <div>Zero Preferred </div> </div> <p>Supplied without mounting holes.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> |
| <div> <div>3674</div> <div>Zero Preferred </div> </div> <p>Supplied without mounting holes.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL</p> <p>Certifications: </p> | |

Thresholds

Traction Tread Adjustable Thresholds

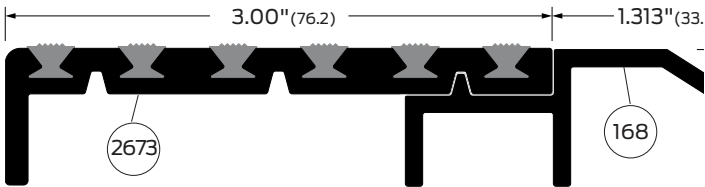
| | |
|--|--|
| <div>3675</div> <div> </div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>Zero Preferred</div> <div> </div> |
| <div>3676</div> <div> </div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>Zero Preferred</div> <div> </div> |
| <div>2676</div> <div> </div> <div>Supplied without mounting holes.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>Zero Preferred</div> <div> </div> |

Thresholds

Traction Tread Adjustable Thresholds

2673


Zero Preferred



Supplied without mounting holes.


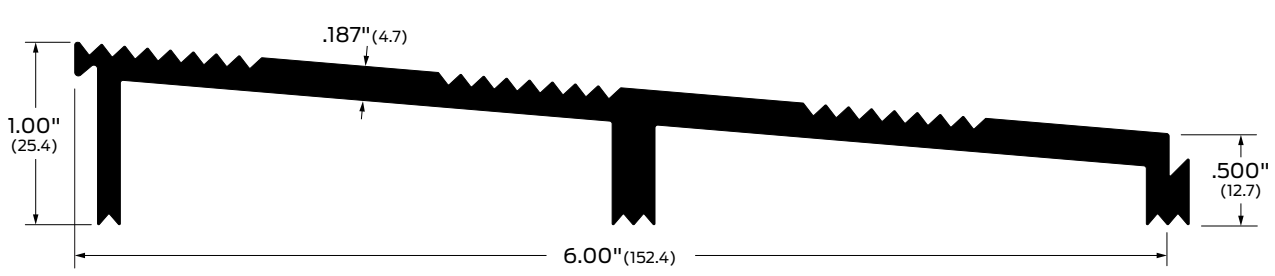


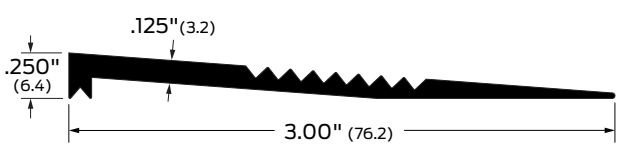



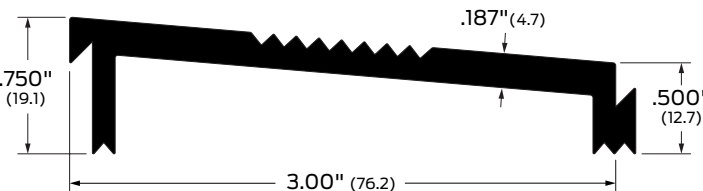

Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

Option:
E, EL
(not available for B-ORB finish)

Certifications:


Thresholds Ramps

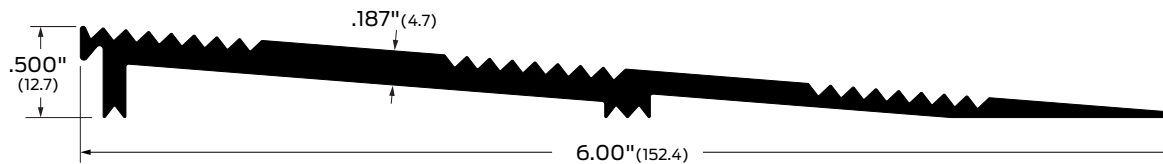
Ramp thresholds offer a sloped design to accommodate wheelchairs, carts, and other wheeled traffic. They are essential for ensuring ADA compliance and improving accessibility for individuals with mobility challenges. Ramps are commonly used in public buildings, hospitals, and retail spaces.

| | |
|---|---|
| <div>232</div> <div>Zero Preferred </div> <div></div> <div>Supplied without mounting holes.</div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: E, EL, V3, EV3, ELV3</div> <div>Certifications: </div> | |
| <div>235</div> <div>Zero Preferred </div> <div></div> <div>Supplied without mounting holes.</div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: E, EL</div> <div>Certifications: </div> | <div>233</div> <div>Zero Preferred </div> <div></div> <div>Supplied without mounting holes.</div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: E, EL, V3, EV3, ELV3</div> <div>Certifications: </div> |

Thresholds Ramps

236

Zero Preferred 



Supplied without mounting holes.

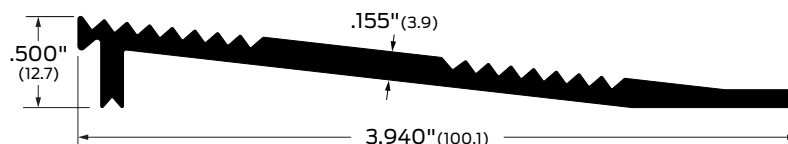
Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
E, EL



2361

Zero Preferred 



Supplied without mounting holes.

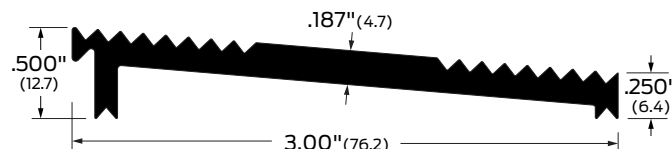
Finishes:
Anodized aluminum

Option:
E, EL



234

Zero Preferred 



Supplied without mounting holes.

Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
E, EL



Thresholds

Ramps

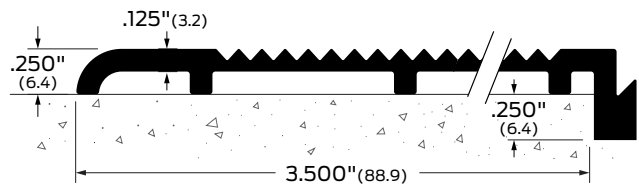
| | |
|--|--|
| <div>238/233</div> <div> </div> <div> <div>Zero Preferred</div> </div> | |
| <div> <div>Order components separately. Full illustration not to scale.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>E, EL</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> </div> | |
| <div>237/236</div> <div> </div> <div> <div>Zero Preferred</div> </div> | |
| <div> <div>Order components separately. Full illustration not to scale.</div> <div> <div>Finishes:</div> <div>N/A</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> <div>ADA</div> </div> </div> </div> | |
| <div>238/233/236</div> <div> </div> <div> <div>Zero Preferred</div> </div> | |
| <div> <div>Order components separately. Full illustration not to scale.</div> <div> <div>Finishes:</div> <div>N/A</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> <div>ADA</div> <div>(only 238 and 236 are ADA Certified)</div> </div> </div> </div> | |

Thresholds

Ramps

237

Zero Preferred 




ADA compliant when installed flush with the flooring.
Supplied without mounting holes.

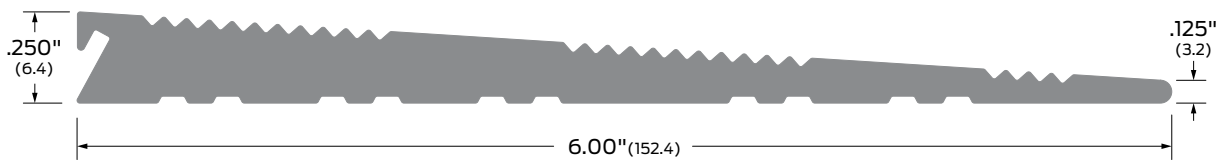
Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
E, EL



259R

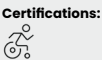
Zero Everyday 



No finish designation required. Supplied without mounting holes for custom drilling at installation. Can also be installed with adhesive.

Finishes:
Black only

Option:
N/A



Thresholds

Interlocking Thresholds

Interlocking thresholds are equipped with components that physically interlock with the bottom of the door or a separate seal. This design offers superior sealing against air, water, and sound infiltration. They are frequently used in exterior doors, soundproof rooms, and areas requiring enhanced weatherproofing.

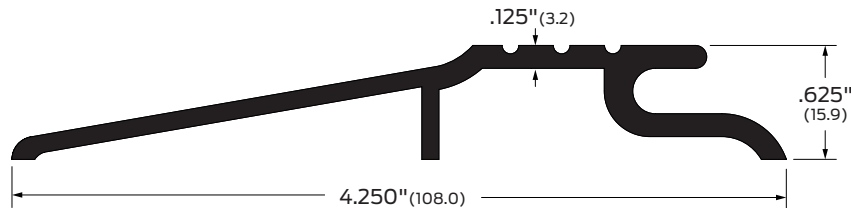
| | |
|---|---|
| <div> <div>70</div> <div>Zero Preferred</div> </div> <div> <p>In-swing or out-swing</p> <p>Finishes: Bronze, architectural mill finish; Oil-rubbed bronze</p> <p>Option: E, EL, V3, EV3, ELV3 (not available for ORB finish)</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | <div> <div>76</div> <div>Zero Preferred</div> </div> <div> <p>In-swing. Drain pan required underneath when used with weep holes.</p> <p>Finishes: Bronze, architectural mill finish; Oil-rubbed bronze</p> <p>Option: E, EL, V3, EV3, ELV3 (not available for ORB finish)</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> |
| <div> <div>73</div> <div>Zero Preferred</div> </div> <div> <p>Out-swing</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: E, EL, V3, EV3, ELV3</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | |

Thresholds

Interlocking Thresholds

80

Zero Preferred



Out-swing

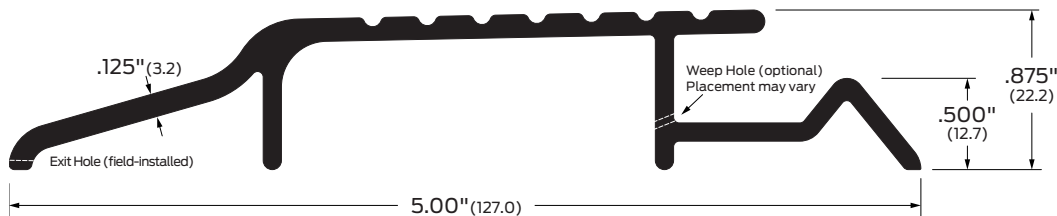
Finishes:
Bronze, architectural mill finish; Oil-rubbed bronze

Option:
E, EL, V3, ELV3
(not available for ORB finish)



175

Zero Preferred



In-swing. Drain pan required underneath when used with weep holes.

Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

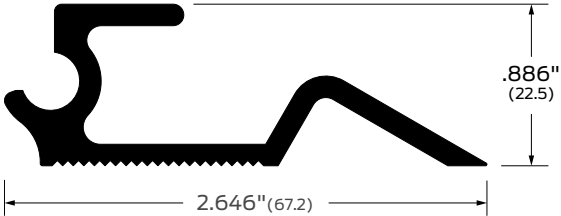

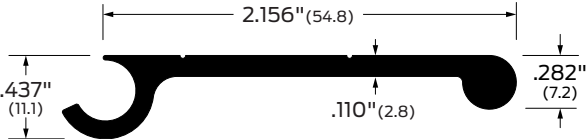

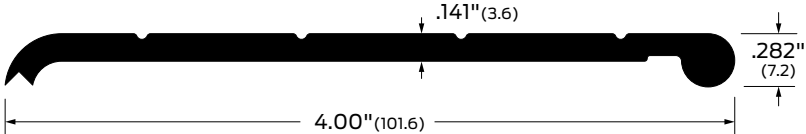

Option:
E, EL, V3, ELV3
(not available for ORB finish)



Thresholds

Adjustable Interlocking Bronze Threshold Systems

These high-performance thresholds combine adjustability with interlocking components, often crafted from durable bronze. They offer unparalleled sealing, durability, and adjustability for high-traffic or premium applications. These systems are common in luxury multifamily projects, institutional facilities, and historic restorations.

| | |
|---|---|
| <div>7000</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> | <div>7332</div> <div>Zero Preferred</div>  <div>Interlocking extension leg. Can be used once per assembly</div> <div> <div>Finishes:</div> <div>Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> |
| <div>7334</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>  </div> </div> | |

Thresholds

Adjustable Interlocking Bronze Threshold Systems

Specialty Interlocking Bronze Threshold Systems

Suitable combinations of threshold components are shown below.

| Decorative Bronze Interlocking Thresholds | Interlocking Threshold Section | | | | | Main Threshold Plate | | | Extension Plate for Use with 7334B and 7335B | | |
|---|--------------------------------|-----|---------|--------|------------|----------------------|---------|------------|--|---------|------------|
| | Width | Qty | Model # | Height | Part Width | Qty | Model # | Part Width | Qty | Model # | Part Width |
| | Standard | | | | | | | | | | |
| | 6.20" | 1 | 7000 | .886" | 2.371" | 1 | 7334 | 3.829" | | | |
| | 7.20" | 1 | 7000 | .886" | 2.371" | 1 | 7335 | 4.829" | | | |
| | 8.28 | 1 | 7000 | .886" | 2.371" | 1 | 7337 | 3.829" | 1 | 7332 | 2.080" |
| | 9.28 | 1 | 7000 | .886" | 2.371" | 1 | 7335 | 4.829" | 1 | 7332 | 2.080" |
| | Therma Seal | | | | | | | | | | |
| | 6.90" | 1 | 7338 | .890" | 3.069" | 1 | 7334 | 3.829" | | | |
| | 7.90" | 1 | 7338 | .890" | 3.069" | 1 | 7335 | 4.829" | | | |
| | 8.98" | 1 | 7338 | .890" | 3.069" | 1 | 7334 | 3.829" | 1 | 7332 | 2.080" |
| | 9.98" | 1 | 7338 | .890" | 3.069" | 1 | 7335 | 4.829" | 1 | 7332 | 2.080" |

7335

Zero Preferred

Finishes:

Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze

Option:

N/A

Certifications:

7336

Zero Preferred

Finishes:

Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze

Option:

N/A

Certifications:

Thresholds

Adjustable Interlocking Bronze Threshold Systems

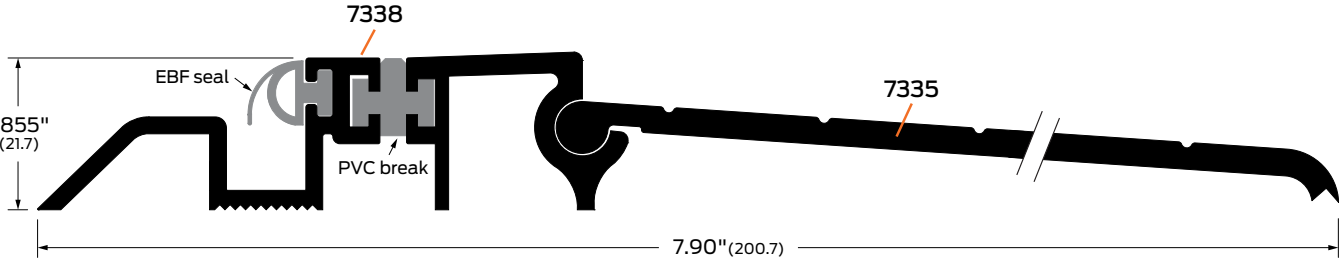
| | |
|---|----------------|
| 7337 | Zero Preferred |
| | |
| Finishes: Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze | |
| Option: N/A | |
| Certifications: | |
| 7338 | Zero Preferred |
| | |
| Thermal seal. Interlocking assembly for in-swinging door. Order as one unit. | |
| Finishes: Bronze, architectural mill finish; Oil-rubbed bronze; Heavy satin bronze; Bright buff polished bronze | |
| Option: N/A | |
| Certifications: | |
| 7338/7334 | Zero Preferred |
| | |
| In-swing. Interlocking assembly for in-swinging door. Order components separately. | |
| Finishes: Bronze architectural mill finish; Oil rubbed bronze | |
| Option: N/A | |
| Certifications: | |

Thresholds

Adjustable Interlocking Bronze Threshold Systems

7338/7335

Zero Preferred



.855" (21.7)

EBF seal

7338

PVC break

7335

7.90" (200.7)

In-swing. Interlocking assembly for in-swinging door. Order components separately.

Finishes:
Bronze architectural mill finish; Oil rubbed bronze

Option:
N/A

Certifications:
BHMA CERTIFIED 10C

Thresholds

Specialized Threshold Solutions

Specialized thresholds are designed to meet unique application needs, such as fire-rated doors, soundproofing, or extreme weather conditions. They address specific requirements like fire resistance, acoustic performance, or enhanced durability. These thresholds are used in theaters, recording studios, fire exits, and industrial facilities.

Adjustable Thresholds – Bulkhead Systems

Roof Curb Thresholds

Suitable for rooftop entryways, flood abatement thresholds, and other raised-concrete applications. Order components separately.

Configuration shown above provides a good low-profile solution. Consult with Technical Customer Care for other configurations and applications.

Note: When specifying this system for rooftop entryways, include at least an additional ¼" in length to accommodate rooftop flashing. Order the next whole inch size greater.

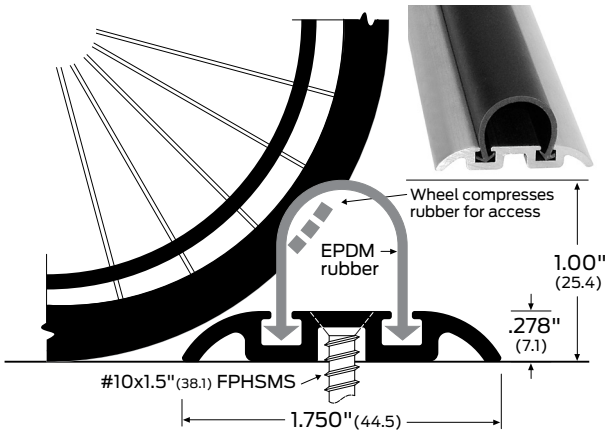
Reminder: When measuring sill cover pieces, include extensions to the outside of the frame that might be needed for a close fit without gaps.

Thresholds

Specialized Threshold Solutions

8452 Wheelchair Accessible Shower Threshold

Zero Preferred

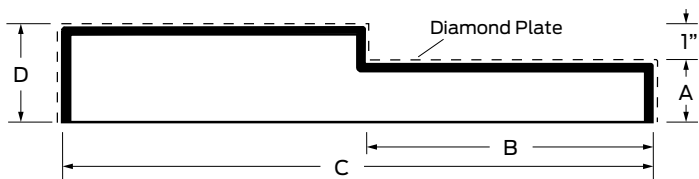


Designed for use when a shower must be accessible to a wheelchair.
The rubber gasket keeps water in while allowing the wheel to pass over easily.
Note: Special anchors available for mounting most thresholds on concrete surfaces.

Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

669 DP
Diamond-Plate Bulkhead Thresholds

Zero Preferred

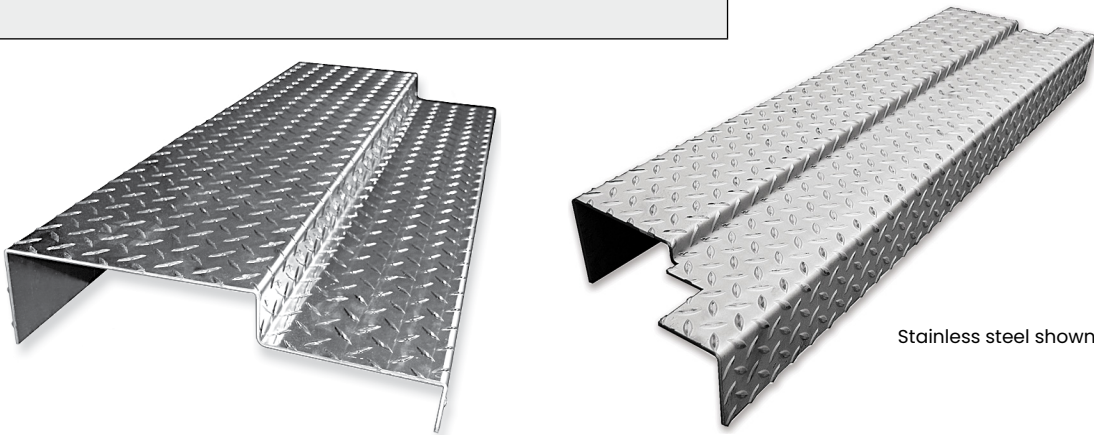


Custom Order
Specify dimensions
A, B, C, D

Available as Engineered Special. Order requires dimensions A, B, C, D.
Notes: A dimension – minimum 1"
D dimension – must be at least 1" greater than A dimension

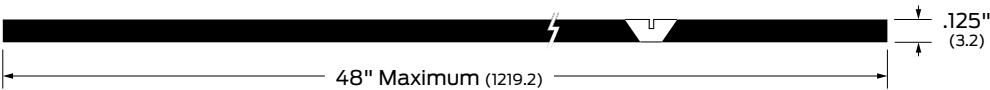



Finishes:
Aluminum; Steel; Stainless steel

Option: N/A
Certifications: N/A



Thresholds

Specialized Threshold Solutions

| | |
|--|--|
| <div> <div>Aluminum Cover Plates – 600CP Standard</div> <div>Zero Preferred</div> </div> <div>  <p>For expansion joint covers or wherever extra width and strength are needed. Available in widths 6" to 48" and lengths 36" to 120". Consult your structural engineer to determine maximum width and length appropriate for your specific application.</p> <ul style="list-style-type: none"> • Manufactured from AL 5052 rolled aluminum. • Square edges are standard. Beveled edges (length only) available on request at additional cost – beveled edges are one-half the thickness of the part at a 45 degree angle. • Plates are not drilled unless specified. • Custom drilling available at additional cost. • Made to order and non-returnable. Orders cannot be canceled after order confirmation and acknowledgment. <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, BV (beveled edges) </div> <div> Certifications:  </div> </div> </div> | |
| <div> <div>Aluminum Cover Plates – 601CP Standard</div> <div>Zero Preferred</div> </div> <div>  <p>For expansion joint covers or wherever extra width and strength are needed. Available in widths 6" to 48" and lengths 36" to 120". Consult your structural engineer to determine maximum width and length appropriate for your specific application.</p> <ul style="list-style-type: none"> • Manufactured from AL 5052 rolled aluminum. • Square edges are standard. Beveled edges (length only) available on request at additional cost – beveled edges are one-half the thickness of the part at a 45 degree angle. • Plates are not drilled unless specified. • Custom drilling available at additional cost. • Made to order and non-returnable. Orders cannot be canceled after order confirmation and acknowledgment. <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: E, EL, BV (beveled edges) </div> <div> Certifications:  </div> </div> </div> | |

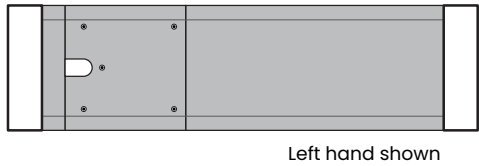
Thresholds

Specialized Threshold Solutions

Cover Plate Assemblies for Floor-Mounted Automatic Door Closers

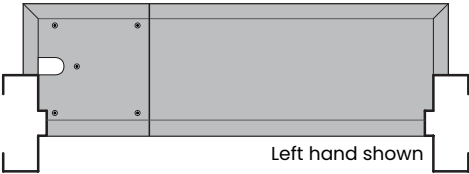
Type 1

For doors hung in center of frame



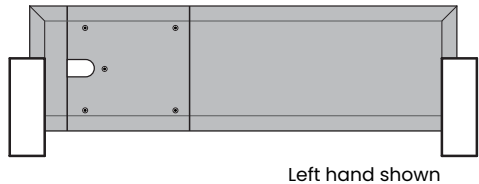
Type 3

For use with all offset closers and pivot sets



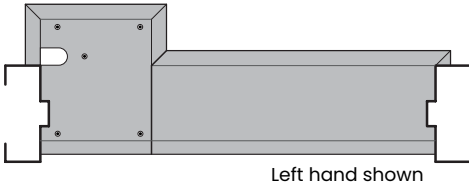
Type 4

For doors hung in center of frame



Type 5

For use with all offset closers and pivot sets



Because specified dimensions may vary, cover plate assemblies for floor closer thresholds require submittal of a template for Engineered Specials processing.

When ordering, please specify handing.

- Cover plates may be ordered for models 547 and 647. Because of the low, extended angle on the ramps on these ADA-compliant models, the control box of the cover plate assembly needs to be level with the floor to prevent interference with the support legs. Request milling the legs to provide sufficient clearance if needed.
- Additional models that can be used with cover plate assemblies are shown below.

| | |
|---|----------------------------|
| 657 | Zero Preferred |
| | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | Certifications: |
| 6575 | Zero Preferred |
| | |
| Note: Model 6570 (see Saddle Thresholds section) may also be suitable for this application (Type 1 only), depending on configuration with floor-mounted automatic door closers. Check that the bevel allows adequate clearance. | |
| Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | |
| Option: E, EL, V3, EV3, ELV3 | Certifications: |

Thresholds

Specialized Threshold Solutions

Fasteners

Thresholds are supplied with the appropriate screws and quantities needed for installation based on threshold width, unless noted to order separately. Use the part numbers below for ordering additional screws, or ordering separately where indicated.

All-Purpose Screws

| Part # | Description | Applicable Threshold Models | Package Contents |
|--------------|--|-----------------------------------|--|
| 47254099 | Threshold screw pack — Clear Anodized | All "A" finish thresholds | 4 screws #10 X 1-1/2" FPHSMS* |
| 47254100 | Threshold screw pack — Dark Bronze | All "D" finish thresholds | 4 screws #10 X 1-1/2" FPHSMS* Black ZP |
| 47254101 | Threshold screw pack — Bronze | All "B" and "G" finish thresholds | 4 screws #10 X 1-3/4" FPHWS* Brass |
| 47254102 | Threshold screw pack — Stainless Steel | All "STST" finish thresholds | 4 screws #10 X 1-1/4" FPHSMS* SS |
| 47254101-10B | Threshold screw pack — Oil Rubbed Bronze | All "ORB" finish thresholds | 4 screws #10 X 1-3/4" FPHWS* Brass, Oil Rubbed |

Anchors for Concrete Installations

| Part # | Description/Model Number | Applicable Threshold Models | Package Contents |
|-----------|--|-----------------------------|--|
| 47257389* | 221 - Plastic shield screw pack Silver metallic finish | Screw pack for 221 | 4 plastic shields and 4 #10 X 1-1/2" FPHSMS* |
| 47257390* | 222 - Lead shield screw pack Silver metallic finish | Screw pack for 222 | 4 lead shields and 4 #10 X 1-1/4" FPHSMS* |
| 47257391* | 223- 10-24 concrete anchor screw pack Silver metallic finish | Screw pack for 223 | 4 10-24 anchors with 4 #10-24 X 1-1/2" FPHMS* |
| 47257392* | 224- 1/4-20 concrete anchor screw pack Silver metallic finish | Screw pack for 224 | 4 10-24 anchors with 4 1/4-20 X 1-1/2" FPHMS* |
| 47257393* | 226 -S.S. sleeve anchor 1/4 X 3" Silver metallic finish | Screw pack for 226 | 4 sleeve anchors |

*Add -04 Suffix for "B" and "G" finish models
 *Add -480 Suffix for "BK" and "D" finish models



221
Plastic Anchor



222
Lead Shield



223
MSLA-10
Anchor with
machine screw
10/24



224
MSLA-4
Anchor with
machine
screw
1/4-20



226
Stainless Steel Sleeve Anchor

- Optional for all thresholds
- An expansion anchor with a unique flat head machine screw all in one unit.
- Easy installation. Place threshold in position and drill 1/4" dia. x 3-1/2" deep hole through countersunk hole in threshold. Drop the anchor in place and tighten with screwdriver.

Thresholds

Accessories and Options

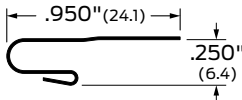
Replacement Rubber Seals

Replacement seals are available for threshold models containing rubber components. See Part Number Index for replacement rubber seals. If viewing an interim catalog, contact technical support.

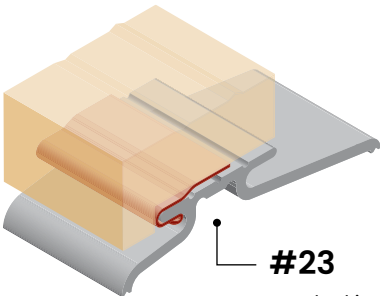
Protection from Water Infiltration and Leakage

These accessories can be used with any interlocking threshold to impede water infiltration around thresholds.

23 Interlocking Hook

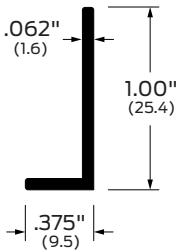


Option:
N/A



#23
Interlocking Hooks 34 Gauge Bronze Spring

25 Interlocking Angle

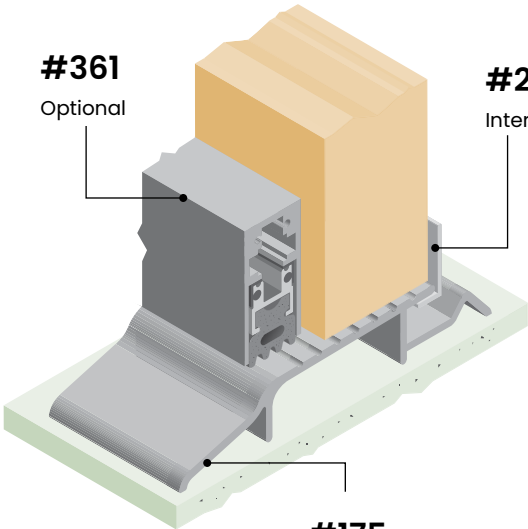


To order this accessory, please refer to How-to-Order instructions in the Perimeter Seals section. If you are using an interim Thresholds catalog that does not include perimeter seals, please call Allegion Customer Care for ordering assistance at: 877-671-7011, option 2 for technical services.

Note: Interlocking hook and angle can be used with 70, 76, 73, 80, 175

Finishes:
Aluminum mill finish; Black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
N/A



#361
Optional

#25
Interlocking Angle

#175



02 Gasketing

Door Sealing Systems



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Gasketing Overview

Zero® offers a comprehensive range of sealing solutions specifically designed to meet the diverse demands of various environments.

Zero Preferred



The Zero Preferred™ Series caters to high use and abuse applications, making it the ideal choice for schools, hospitals, universities, and other institutional facilities. Zero's Preferred Series is crafted from top-quality materials to ensure exceptional reliability and durability, even in the most challenging conditions. These sealing solutions provide long-lasting protection and offer a wide variety of options to meet different needs, such as compliance with codes and overcoming difficult installation conditions. With innovative designs, Zero makes it easy to maintain a tight seal, even when doors are not perfectly aligned, enhancing both performance and peace of mind.

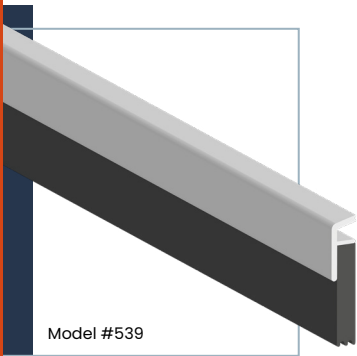
Zero Everyday



Meanwhile, the Zero Everyday™ Series is designed for medium to light-duty applications, and provides reliable solutions perfectly suited for multifamily residences, hospitality, retail, and commercial offices. This family of products prioritizes availability, affordability and ease of installation, featuring vinyl gasketing, longer brush options for the repair and replace market and mill finish options for low-cost scenarios. Zero Everyday™ Series is ideal for projects that don't require premium materials but still demand reliable performance from a brand you trust.

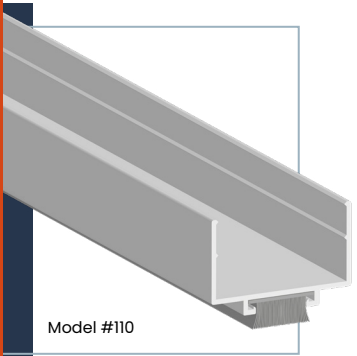
Types of Gasketing

A door sweep, door shoe, head and jamb gasketing, and astragals are all components used to seal gaps around doors, but they serve different purposes and are installed in different locations:



Door Sweep

This is installed at the bottom of a door, usually on the interior or exterior face. Its primary function is to seal the gap between the door and the floor, preventing drafts, dust, insects, and moisture from entering.



Door Shoe

A door shoe is a U-shaped or L-shaped component that fits around the bottom edge of a door, typically requiring the door to be removed from its hinges for installation. It features a sealing element that contacts the floor or threshold to block drafts, moisture, dust, and insects.



Head and Jamb Gasketing

These are installed along the top (head) and sides (jamb) of a door frame. They help seal the gaps around the door's perimeter, enhancing insulation and soundproofing by preventing air and noise from passing through.



Meeting Stile Gasketing

This is a vertical seal or molding that is on a pair of double doors that helps seal the gap between the two doors, providing additional security, insulation, and soundproofing.

Gasketing

Gasketing Order Guide

Gasketing: head and jamb, meeting stiles (astragals), sweeps, and finger guards

| Models | Finishes | Options | Length/ Width | Height | Metric |
|--------|----------|---------|------------------|--------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 39 | A | | 48" | | |

| How to Order | | Examples |
|--------------|--------------|--|
| 1 | Models | 39 - Sweep 140 - Head and jamb, astragal-meeting stile 328* - Head and jamb, astragal-meeting stile, sweep 429 - Head and jamb 511 - Door shoe |
| 2 | Finishes | A - Aluminum mill finish AA - Aluminum clear anodized BK - Black anodized D - Aluminum dark bronze anodized G - Aluminum gold anodized B - Bronze mill finish B-ORB - (US10B/613) Oil rubbed, aged bronze *See specific product page for available finishes |
| 3 | Options | Blank - Straight stick length only, sweeps and astragals only available as sticks S - Door set, width always given first, only available for "Head and Jamb" FLO - High air flow configuration available on models: 381, 3546 PSA - Pressure sensitive adhesive ZAG - Ligature resistant gasketing *See specific product page for available options |
| 4 | Length/Width | Length - for straight stick items use first measure only, use decimal to nearest 1/8" Width - for use with Sets, "S", use decimal to nearest 1/8" |
| 5 | Height | Height - for use with sets, use decimal to nearest 1/8" always measure following "x" when "S" set is denoted. |
| 6 | Metric | Blank = US standard MM = Metric in millimeters (rounded to the nearest 1/8") |

Gasketing

Accessories and Options

Finishes

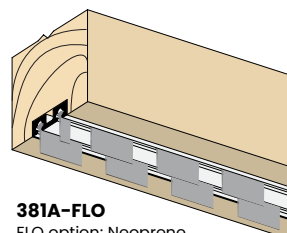


*Black, Dark Bronze and Gold anodized aluminum finished products may require a longer lead time, please contact customer service for accurate lead times.

Options

Airflow/Sound Block (FLO)

The FLO configuration is a practical solution for applications requiring air flow while blocking light and sound as much as possible. The design uses sound-damping neoprene or EPDM seals which are notched and overlapped in staggered rows. This feature is commonly used for hotel doorways designed to exchange or amplify air conditioning between guest rooms and hallways.



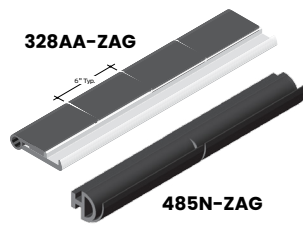
381A-FLO
FLO option: Neoprene seals are notched and overlapped to facilitate air flow.

Pressure-Sensitive Adhesive (PSA)

Pressure-sensitive adhesive (PSA) is a type of adhesive that forms a bond with the surface when pressure is applied. Perimeter seals that are supplied with PSA standard are designated by model numbers showing “-PSA.” When PSA is specified, the models will be provided with PSA applied instead of with holes and standard screws.

Ligature Resistant Gasketing (ZAG)

This patented ligature-resistant option, designed for use in mental health or correctional facilities, prevents unintended usage of the gasketing, including harming oneself or others. When ZAG is specified, the rubber is scored before insertion into the aluminum extrusion. This allows for normal function for its specified purpose, but the seal will now break apart if removal is attempted or any weight is placed on the seal.



Order as a Set (S)

Head and jamb gasketing and adjustable sealing systems can be ordered either as “straight-stick” components (order by length) or as a set of three components – two side jambs and a head jamb (order by size of door opening = Width” x Height”). Other perimeter seals are ordered only as “straight-stick.”

Security Screws (SEC)

Tamper-resistant Torx security screws. Prevents unauthorized removal in hospitals, schools and public places.

Gasketing Door Sweeps

A door sweep is an essential component in commercial buildings, designed to enhance energy efficiency and cleanliness by sealing the gap between the door and the floor. This strip of gasketing typically features a durable aluminum housing paired with nylon or synthetic rubber blend, which effectively block drafts, dust, debris, insects, and moisture from entering through the bottom of the door. Installed on the door's lower edge, door sweeps act as a barrier that maintains indoor temperature control and prevents unwanted elements from infiltrating the building. Particularly beneficial for exterior doors in busy areas such as storefronts, door sweeps contribute to energy savings by reducing air infiltration and help maintain a cleaner, pest-free environment.

Gasketing

Door Sweeps: Synthetic Rubber Blend

The synthetic rubber blend is a dense and durable material, offering a well-balanced combination of properties. Black in color, it provides excellent insulation and cushioning, making it ideal for demanding applications. With its long lifespan, minimal maintenance requirements, and sturdy construction, this rubber blend is well suited for high-traffic openings in schools, hospitals, universities, and government buildings.

Material Properties

- Very good abrasion resistance, tensile strength and memory
- Flame-resistant
- Moisture-resistant
- Temperature range -10°F to 250°F
- Good resistance to ozone, sunlight and aging

| 39 | 339 | 539 |
|--|--|--|
| <div> <div>Zero Preferred</div> </div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: </div> | <div> <div>Zero Preferred</div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: SEC </div> <div> Certifications: </div> | <div> <div>Zero Preferred</div> </div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: </div> |

Gasketing

Door Sweeps: Synthetic Rubber Blend

| | | |
|--|--|---|
| <p>39W Zero Preferred</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>339W Zero Preferred</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>328 Zero Preferred</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |
| <p>50M Zero Preferred</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>477 Zero Preferred</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC, End Cap</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>329 Zero Preferred</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |

Gasketing

Door Sweeps: Synthetic Rubber Blend

| | | |
|---|--|--|
| <div>571</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: SEC </div> <div> Certifications: </div> | <div>93</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: N/A </div> | <div>95</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: N/A </div> |
|---|--|--|

Gasketing

Door Sweeps: Synthetic Rubber Blend

| | | |
|---|---|--|
| 639W Zero Preferred | 8191 Zero Everyday | 8197 Zero Everyday |
| | <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |
| <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> | 8194 Zero Everyday <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | |

Gasketing

Door Sweeps: Polypropylene Brush (Pile)

The inert polypropylene polymer resists deterioration under harsh environmental conditions and features a "brush" made of durable polypropylene fibers, which is gray in color. They are welded together to resist corrosion, unlike the metal carrier of a traditional brush. The polypropylene fin running down the center of the fibers is unique. The fin is every bit as flexible as the fibers themselves and is great for applications where aesthetics and quiet operation is important.

| 871 | 255 | 98 |
|--|---|---|
| <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </p> </div> | <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </p> </div> | <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: PSA, S, SEC</p> <p>Certifications: <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </p> </div> |

Gasketing

Door Sweeps: Intumescent

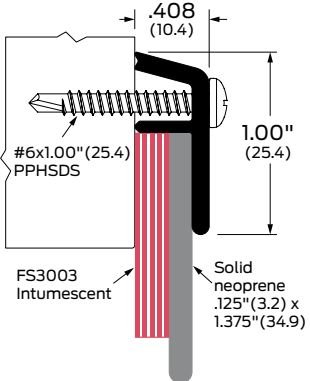

Intumescent materials in perimeter seals are crucial for fire protection, expanding under high temperatures to form an insulating barrier that prevents fire and smoke spread. Zero's intumescent technology meets stringent international and U.S. positive pressure requirements, offering top-quality fire and smoke seals. These solutions enhance safety by providing reliable fire resistance and smoke control.

Material Properties

- FS3003 formulated to expand at 350 degrees 16-18x to seal the gap around and between doors during a fire.

339FS

Zero Preferred

Intumescent door sweep
Restore fire rating on 20 minute fire-rated swinging flush wood door.
For use on doors with maximum undercut of 1.250".
ITS-listed to positive pressure ULI0C.

Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:

Gasketing

Door Sweeps: Nylon Brush

This material consists of bristles made from nylon fibers. It is commonly used in door sweeps and seals where a flexible barrier is needed to block drafts, dust, and insects while allowing for some movement. Nylon brushes are stiff, durable and resistant to wear and tear. Nylon brush is effective in high-traffic areas where doors are frequently opened and closed, such as commercial applications, like retail stores, offices and hospitality space, as well as industrial sites.

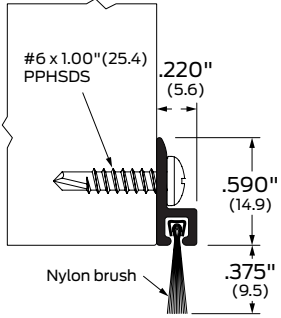

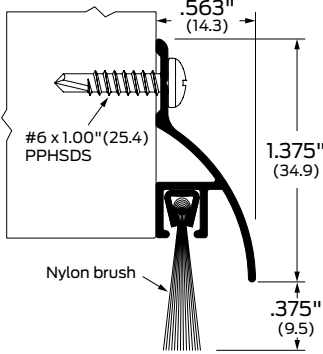



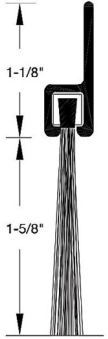

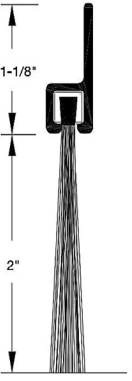

Material Properties

- Excellent abrasion resistance, flexibility and memory
- Moisture-resistant
- Not effective against water penetration

| | |
|--|---|
| <div> <div>96</div> <div>Zero Preferred</div> <div></div> </div> <div> <p>Suitable for mixed-use commercial, hospitality, multi-family, as well as sliding barn doors.</p> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> </div> | <div> <div>8192</div> <div>Zero Everyday</div> <div></div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>PSA, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> </div> |
|--|---|

Gasketing

Door Sweeps: Nylon Brush

| | | |
|--|---|--|
| <p>8193 Zero Everyday <input checked="" type="checkbox"/></p>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, S, SEC</p> <p>Certifications: BHMA  10C</p> | <p>8198 Zero Everyday <input checked="" type="checkbox"/></p>  <p>Surface-mounted with rain drip.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA  10C</p> | <p>8001 Zero Everyday <input checked="" type="checkbox"/></p>  <p>Finishes: Aluminum mill finish; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized</p> <p>Option: SEC</p> <p>Certifications:  10C</p> |
| <p>8015 Zero Everyday <input checked="" type="checkbox"/></p>  <p>Finishes: Aluminum mill finish; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized</p> <p>Option: SEC</p> <p>Certifications:  10C</p> | <p>8002 Zero Everyday <input checked="" type="checkbox"/></p>  <p>Finishes: Aluminum mill finish; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized</p> <p>Option: SEC</p> <p>Certifications:  10C</p> | |

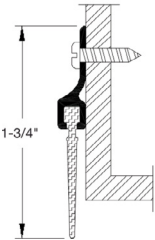
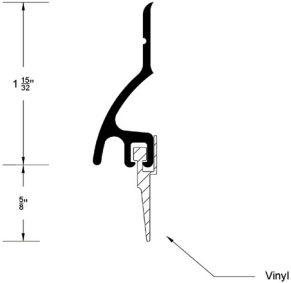


Gasketing

Door Sweeps: Vinyl

Vinyl is flexible and effective, providing a barrier against drafts, moisture, dust, and insects. Additionally, vinyl is easy to clean and maintain. Vinyl is considered lighter duty compared to materials like heavy-duty rubber, making it ideal for applications where less intense wear and tear is expected.

Material Properties

- Economical
- Flame-resistant
- Moisture-resistant
- Temperature range 0°F to 140°F

| 9091V <div>Zero Everyday <input checked="" type="checkbox"/></div> | 9097V <div>Zero Everyday <input checked="" type="checkbox"/></div> |
|--|--|
|  |  |
| Finishes: Aluminum mill finish; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized | Finishes: Aluminum mill finish; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized |
| Option: N/A | Option: N/A |
| Certifications:  | Certifications:  |

Gasketing Door Shoe

A door shoe is a type of door bottom seal that wraps around the bottom edge of a door, typically in a U-shaped or L-shaped design. It includes a sealing element, such as rubber or vinyl, to block drafts, moisture, dust, and insects. Unlike door sweeps, which are strips attached to the door's surface with a flexible material extending downward, door shoes offer more comprehensive coverage and can protect the door itself from wear. Installing a door shoe often requires removing the door from its hinges, whereas a door sweep is easier to install, typically requiring only screws or adhesive. Both serve the purpose of sealing the gap at the bottom of a door, but the choice between them depends on the desired level of protection, ease of installation, and aesthetic considerations.

Gasketing

Door Shoe: Synthetic Rubber Blend

The synthetic rubber blend is a dense and durable material, offering a well-balanced combination of properties. Black in color, it provides excellent insulation and cushioning, making it ideal for demanding applications. With its long lifespan, minimal maintenance requirements, and sturdy construction, this rubber blend is well suited for high-traffic openings in schools, hospitals, universities, and government buildings.

Material Properties

- Very good abrasion resistance, tensile strength and memory
- Flame-resistant
- Moisture-resistant
- Temperature range -10°F to 250°F
- Good Resistance to ozone, sunlight and aging

| 111 | 153 | 253 |
|---|--|--|
| <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: </div> </div> | <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: SEC </div> <div> Certifications: </div> </div> | <div> <div>Zero Preferred</div> <div></div> </div> <div> </div> <div> <div> Finishes: Aluminum mill finish </div> <div> Option: N/A </div> <div> Certifications: </div> </div> |

Gasketing

Door Shoe: Synthetic Rubber Blend

| | | |
|---|--|---|
| <div>452</div> <div>Zero Preferred</div> <div></div> <div>For overhead doors. Supplied unassembled for ease of installation.</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> | <div>72</div> <div>Zero Preferred</div> <div></div> <div>For overhead doors. Supplied unassembled for ease of installation.</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> | <div>52</div> <div>Zero Preferred</div> <div></div> <div>Supplied unassembled for ease of installation</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> |
| <div>8049R</div> <div>Zero Preferred</div> <div></div> <div>Supplied unassembled for ease of installation</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: N/A</div> | <div>53</div> <div>Zero Preferred</div> <div></div> <div>Supplied unassembled for ease of installation</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> | <div>511</div> <div>Zero Preferred</div> <div></div> <div>Supplied unassembled for ease of installation</div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: SEC</div> <div>Certifications: 10C</div> |

Gasketing

Door Shoe: Synthetic Rubber Blend

| | | |
|--|--|---|
| <div>381</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>FLO, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>381A-FLO</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>N/A</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>3546</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>SEC, FLO</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> <div>Mortised. Supplied unassembled for ease of installation.</div> |
| <div>3546A-FLO</div> <div>Zero Preferred</div> <div> </div> <div> <div>Finishes:</div> <div>N/A</div> </div> <div> <div>Option:</div> <div>S</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>8151</div> <div>Zero Everyday</div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum clear anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | |

Gasketing

Door Shoe: Polypropylene Brush (Pile)

The inert polypropylene polymer resists deterioration under harsh environmental conditions and features a "brush" made of durable polypropylene fibers. They are welded together to resist corrosion, unlike the metal carrier of a traditional brush. The polypropylene fin running down the center of the fibers is unique. The fin is every bit as flexible as the fibers themselves and is great for applications where aesthetics and quiet operation are important.

Material Properties

- Temperature range 32°F to 275°F
- Pile is Gray

| | | |
|---|--|--|
| <div>110</div> <div>Zero Preferred</div> <div></div> <div>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> | <div>154</div> <div>Zero Preferred</div> <div></div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> | <div>254</div> <div>Zero Preferred</div> <div></div> <div>Supplied unassembled for ease of installation.</div> <div>Finishes: Aluminum mill finish</div> <div>Option: SEC</div> <div>Certifications: BHMA CERTIFIED</div> |
|---|--|--|

Gasketing

Door Shoe: Intumescent

Intumescent materials in perimeter seals are crucial for fire protection, expanding under high temperatures to form an insulating barrier that prevents fire and smoke spread. Zero's intumescent technology meets stringent international and U.S. positive pressure requirements, offering top-quality fire and smoke seals. Our products are tested under categories like Category G for edge-sealing and Category H for smoke control, ensuring compliance with standards such as UL 10C and BS 476-Part 22. By integrating intumescent materials into OEM Category A doors, Zero eliminates the need for additional seals for positive-pressure ratings, although smoke seals may still be necessary. These solutions enhance safety by providing reliable fire resistance and smoke control.

Material Properties

- FS3003 formulated to expand at 350 degrees 16-18x to seal the gap around and between doors during a fire.
- FS3004 formulated to expand at 550 degrees 80x to seal the gap around and between doors during a fire.

| 521FS | 59FS | 253FS |
|---|--|--|
| <div> <div>Zero Preferred</div> <p>Diagram of 521FS door shoe assembly. Dimensions: 1.750" (44.5) total width, 1.250" (31.8) mounting width, .750" (19.1) shoe height, .500" (12.7) gap, 1.250" (31.8) base height. Components: FS4004 Intumescent, #10 x 1.50" (38.1) FPHSMS with flanged washer, Self-extinguishing silicone. Note: Intumescent door shoe, mortised.</p> </div> <div> <p>Finishes: Aluminum clear anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> </div> | <div> <div>Zero Preferred</div> <p>Diagram of 59FS door shoe assembly. Dimensions: 1.750" (44.5) total width, .750" (19.1) shoe height, .250" (6.4) gap, .250" (6.4) base height. Components: PSA, FS3003 Intumescent, Solid neoprene.</p> </div> <div> <p>Finishes: Aluminum mill finish</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> </div> | <div> <div>Zero Preferred</div> <p>Diagram of 253FS door shoe assembly. Dimensions: 1.024" (26.0) mounting width, .250" (6.4) gap, .250" (6.4) base height. Component: #6 x 1.00" (25.4) PPHSDS.</p> </div> <div> <p>Finishes: Aluminum mill finish</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> </div> |

Gasketing

Door Shoe: Intumescent

111FS

Zero Preferred

1.750" (44.5)
Door

.062" (1.6)

#6 x 1.00" (25.4) PPHSDS

1.250" (31.8)

.250" (6.4)

FS3003 Intumescent

Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
SEC

Certifications:

Gasketing

Door Shoe: Nylon Brush

This material consists of bristles made from nylon fibers. It is commonly used in door sweeps and seals where a flexible barrier is needed to block drafts, dust, and insects while allowing for some movement. Nylon brushes are stiff, durable and resistant to wear and tear. Nylon brush is effective in high-traffic areas where doors are frequently opened and closed, such as commercial applications, like retail stores, offices and hospitality space, as well as industrial sites.

Material Properties

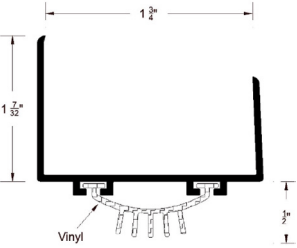
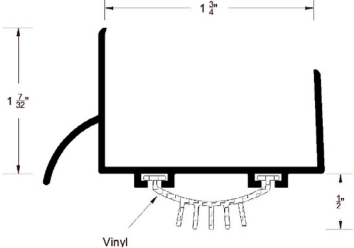


- Temperature range 32°F to 275°F
- Pile is Gray

| | |
|--|--|
| <div> <div>3544</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div>3544</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div> </div> </div> </div> | <div> <div>8149</div> <div>Zero Everyday</div> </div> <div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum clear anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div> </div> </div> </div> |
|--|--|

Gasketing

Door Shoe: Vinyl

Vinyl is flexible and effective, providing a barrier against drafts, moisture, dust, and insects. Additionally, vinyl is easy to clean and maintain. Vinyl is gray in color and is considered lighter duty compared to materials like heavy-duty rubber, making it ideal for applications where less intense wear and tear is expected.

| | | | |
|--|---|--|---|
| 9011V | Zero Everyday <input checked="" type="checkbox"/> | 9016V | Zero Everyday <input checked="" type="checkbox"/> |
|  | |  | |
| Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum mill finish | | Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum mill finish | |
| Option: N/A | Certifications:  | Option: N/A | Certifications:  |

Gasketing

Head and Jamb Gasketing

High quality head and jamb gasketing are essential for maintaining a building's environment by creating a secure seal around door frames. This seal effectively blocks drafts, noise, weather, smoke, and air infiltration, thereby enhancing both energy efficiency and comfort. Particularly crucial in busy commercial settings, gasketing ensures durability and provides a robust barrier against external conditions, maintaining a controlled indoor atmosphere. By eliminating drafts, gasketing helps maintain consistent indoor temperatures, leading to reduced energy consumption and improved efficiency. Engineered for high durability, it withstands frequent use and the constant opening and closing of doors. Its weatherproofing capabilities shield against rain, wind, and snow, while its sound insulation properties reduce noise transfer. Additionally, certain gaskets are fire-rated to prevent the spread of smoke and flames, enhancing fire safety.

Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

The synthetic rubber blend is a dense and durable material, offering a well-balanced combination of properties. Black in color, it provides excellent insulation and cushioning, making it ideal for demanding applications. With its long lifespan, minimal maintenance requirements, and sturdy construction, this rubber blend is well suited for high-traffic openings in schools, hospitals, universities, and government buildings.

Material Properties

- Very good abrasion resistance, tensile strength and memory
- Flame-resistant
- Moisture-resistant
- Temperature range -10°F to 250°F
- Good resistance to ozone, sunlight and aging

| | |
|--|--|
| <div>3709</div> <div>Zero Preferred</div> <div></div> <div>Neoprene extruded bulb/finger for secure seal.</div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div>N/A</div></div> | <div>470</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> |
|--|--|

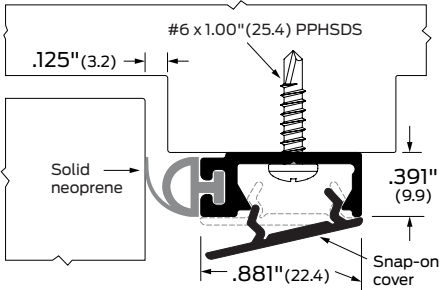
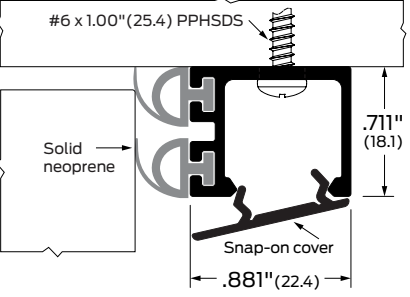
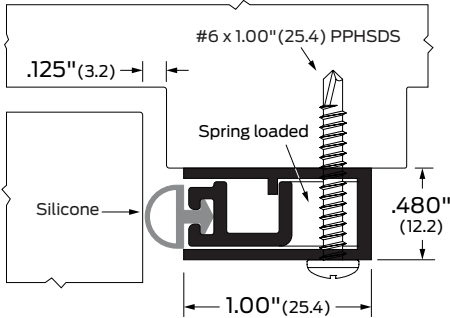
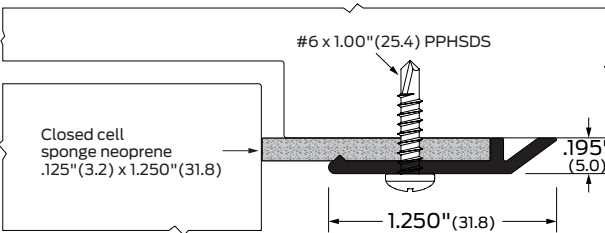
Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

| | |
|--|--|
| <div>472</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: BHMA CERTIFIED </div> </div> | <div>270</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: BHMA CERTIFIED </div> </div> |
| <div>272</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: BHMA CERTIFIED </div> </div> | <div>485</div> <div>Zero Preferred</div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: ZAG, S, SEC </div> <div> Certifications: BHMA CERTIFIED </div> </div> <div> ZAG option for mental health applications includes security screws. Extruded Bulb/Finger for double-sealing protection. </div> |

Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

| | |
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| <div>475</div> <div>Zero Preferred</div>  <p>Neoprene extruded bulb/finger for secure seal. Subject to local building codes.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <div>478</div> <div>Zero Preferred</div>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |
| <div>570</div> <div>Zero Preferred</div>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <div>139</div> <div>Zero Preferred</div>  <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |

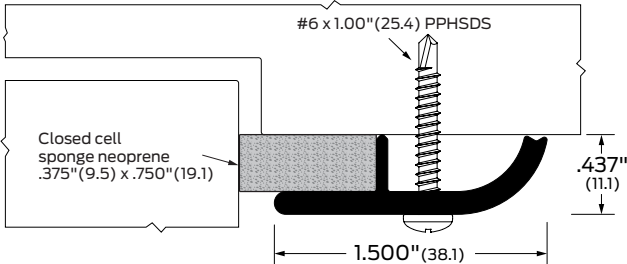

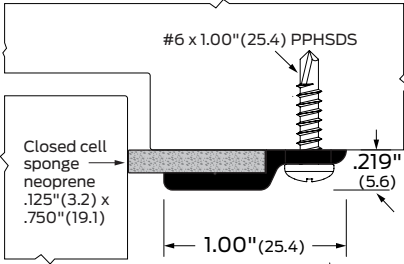

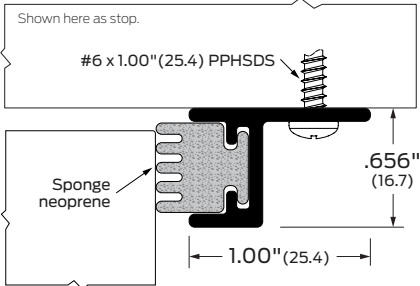

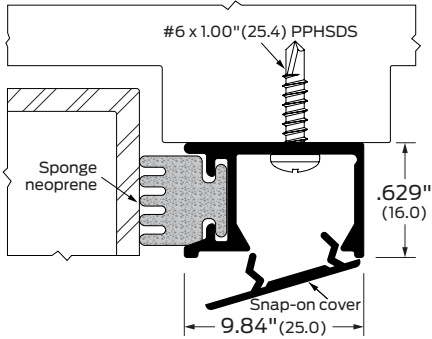

Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

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|--|---|
| <div>312</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: </div> | <div>314</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: S, SEC </div> <div> Certifications: </div> |
| <div>140</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: </div> | <div>318</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: ZAG, S, SEC </div> <div> Certifications: </div> |

Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

| | |
|--|---|
| <div>322</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div></div></div> | <div>50</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div></div></div> |
| <div>1370</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div></div></div> | <div>376</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</div></div> <div><div>Option:</div><div>S, SEC</div></div> <div><div>Certifications:</div><div></div></div> |

Gasketing

Head & Jamb Gasketing: Synthetic Rubber Blend

| | |
|--|--|
| <div>326</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: ZAG, S, SEC </div> <div> Certifications: BHMA CERTIFIED, ((O)), 10C </div> | <div>328</div> <div>Zero Preferred</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze </div> <div> Option: ZAG, S, SEC </div> <div> Certifications: BHMA CERTIFIED, ((O)), 10C </div> |
| <div>8302</div> <div>Zero Everyday</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: BHMA CERTIFIED, ((O)), 10C </div> | <div>8877</div> <div>Zero Everyday</div> <div> </div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications: BHMA CERTIFIED, ((O)), 10C </div> |

Gasketing

Head & Jamb Gasketing: Polypropylene Brush (Pile)

The inert polypropylene polymer resists deterioration under harsh environmental conditions and features a "brush" made of durable polypropylene fibers. They are welded together to resist corrosion, unlike the metal carrier of a traditional brush. The polypropylene fin running down the center of the fibers is unique. The fin is every bit as flexible as the fibers themselves and is great for applications where aesthetics and quiet operation is important.

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| <div>98</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>PSA, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>32</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> |
| <div>5832</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | |

Gasketing

Head & Jamb Gasketing: Intumescent

Intumescent materials in perimeter seals are crucial for fire protection, expanding under high temperatures to form an insulating barrier that prevents fire and smoke spread. Zero's intumescent technology meets stringent international and U.S. positive pressure requirements, offering top-quality fire and smoke seals. Our products are tested under categories like Category G for edge-sealing and Category H for smoke control, ensuring compliance with standards such as UL 10C and BS 476-Part 22. By integrating intumescent materials into OEM Category A doors, Zero eliminates the need for additional seals for positive-pressure ratings, although smoke seals may still be necessary. These solutions enhance safety by providing reliable fire resistance and smoke control.

Material Properties

- FS3003 formulated to expand at 350 degrees 16-18x to seal the gap around and between doors during a fire.

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| <div>5831FS</div> <div>Zero Preferred</div> <p>Supplied standard with PSA.</p> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>5832FS</div> <div>Zero Preferred</div> <p>Supplied standard with PSA.</p> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |
| <div>58FS</div> <div>Zero Preferred</div> <p>For applications with very small clearances between door and frame. Supplied standard with PSA.</p> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>302FS</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |

Gasketing

Head & Jamb Gasketing: Intumescent

328FS

Zero Preferred

Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:

Gasketing

Head & Jamb Gasketing: Nylon Brush

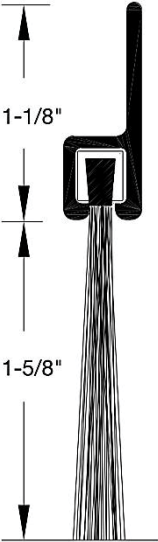
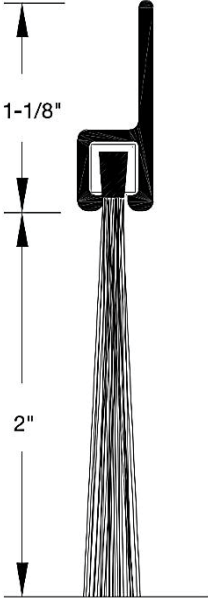


Material Properties

- Excellent abrasion resistance, flexibility and memory
- Moisture-resistant
- Not effective against water penetration

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| <div> <div>8305</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> | <div> <div>8193</div> <div>Zero Everyday</div> </div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>PSA, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> |
| <div> <div>8879</div> <div>Zero Everyday</div> </div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>PSA, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> | <div> <div>8001</div> <div>Zero Everyday</div> </div> <div> </div> <div> <div>Finishes:</div> <div>Aluminum mill anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> |

Gasketing

Head & Jamb Gasketing: Nylon Brush

| | | | |
|--|---|---|---|
| 8015 | Zero Everyday <input checked="" type="checkbox"/> | 8002 | Zero Everyday <input checked="" type="checkbox"/> |
|  | |  | |
| <p>Finishes: Aluminum mill anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: </p> | | <p>Finishes: Aluminum mill anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: </p> | |

Gasketing

Head & Jamb Gasketing: Magnetic

Magnetic gasketing typically consists of a flexible magnetic strip integrated into a durable carrier material, such as vinyl or rubber. These strips are installed along the head (top) and jambs (sides) of a door frame. The magnetic strip interacts with a ferrous or magnetic surface on the door itself, creating a consistent and reliable seal when the door is closed, making it a great option in applications requiring an airtight or watertight seal. This material is used for interior metal doors only.

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| <div> <div>3708</div> <div>Zero Preferred</div> </div> <div> <p>Magnetic head and jamb gasketing. For use with metal interior doors only. Available to order as engineering special.</p> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: N/A </div> <div> Certifications: BHMA CERTIFIED </div> </div> </div> | <div> <div>370</div> <div>Zero Preferred</div> </div> <div> <p>Magnetic head and jamb gasketing For use with interior metal doors only. Available to order as engineering special.</p> <div> <div> Finishes: Aluminum mill finish; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: N/A </div> <div> Certifications: BHMA CERTIFIED </div> </div> </div> |
| <div> <div>375</div> <div>Zero Preferred</div> </div> <div> <p>Magnetic head and jamb gasketing. For use with interior metal doors only. Available to order as engineering special.</p> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized, Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: N/A </div> <div> Certifications: BHMA CERTIFIED </div> </div> </div> | |

Gasketing

Head and Jamb Gasketing: Silicone

Silicone, typically black in color when used in head and jamb gasketing, is a versatile material that is made from silicone rubber, a synthetic polymer composed of silicon, oxygen, carbon, and hydrogen. Silicone can withstand extreme temperatures and harsh environmental conditions, maintaining its shape and elasticity even under long-term compression and decompression. This makes it suitable for outdoor and industrial environments.

Material Properties

- Excellent flexibility and memory
- Flame-resistant
- Moisture-resistant
- Temperature range -75°F to 450°F
- Remains flexible at extreme temperatures
- Excellent resistance to ozone, UV and aging

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| <div>99</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div><div><div>Option:</div><div>ZAG, S, SEC</div></div><div><div>Certifications:</div><div> </div></div></div> | <div>100</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div><div><div>Option:</div><div>S, SEC</div></div><div><div>Certifications:</div><div> </div></div></div> |
| <div>31</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div><div><div>Option:</div><div>S, SEC</div></div><div><div>Certifications:</div><div> </div></div></div> | <div>5831</div> <div>Zero Preferred</div> <div></div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div><div><div>Option:</div><div>S</div></div><div><div>Certifications:</div><div> </div></div></div> |

Gasketing

Head and Jamb Gasketing: Silicone

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|---|---|
| <div>33</div> <div>Zero Preferred</div> <div> <p>#6 x 1.00" (25.4) PPHSDS</p> <p>Silicone</p> <p>.380" (9.7)</p> <p>.460" (11.7)</p> <p>For applications with very small clearances between door and frame.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | <div>5833</div> <div>Zero Preferred</div> <div> <p>PSA</p> <p>Silicone</p> <p>.380" (9.7)</p> <p>.460" (11.7)</p> <p>.125" (3.2) REF</p> <p>Molding by others</p> <p>For applications with very small clearances between door and frame. Supplied standard with PSA.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> |
| <div>429</div> <div>Zero Preferred</div> <div> <p>#10 x .750" (19.1) PPHSDS</p> <p>Silicone</p> <p>.250" (6.4)</p> <p>.250" (6.4)</p> <p>1.500" (38.1)</p> <p>Gasketing protection for closer bracket or door coordinator.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | <div>8303</div> <div>Zero Everyday</div> <div> <p>#6 x 1.00" (25.4) PPHSDS</p> <p>.125" (3.2)</p> <p>Silicone</p> <p>.250" (6.4)</p> <p>.590" (14.9)</p> <p>.220" (5.6)</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> |

Gasketing

Head and Jamb Gasketing: Silicone

8878

Zero Everyday ☒

Technical drawing of the 8878 gasket assembly. The drawing shows a cross-section of the gasket installed in a door frame. Key dimensions include: a .125" (3.2) gap between the door and the frame; a .250" (6.4) width for the silicone gasket; a .625" (15.9) width for the snap-on cover; and a .220" (5.6) width for the black EPDM rubber. The assembly is secured by a #6 x 1.00" (25.4) PPHSDS screw. Labels indicate the presence of Silicone, a Snap-on cover, and Black EPDM rubber.

Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:

Gasketing

Head & Jamb Gasketing: Vinyl

Vinyl is flexible and effective, providing a barrier against drafts, moisture, dust, and insects. Additionally, vinyl is easy to clean and maintain. Vinyl is considered lighter duty compared to materials like heavy-duty rubber, making it ideal for applications where less intense wear and tear is expected.

Material Properties

- Economical
- Flame-resistant
- Moisture-resistant
- Temperature range 0°F to 140°F

| 9091V | 9003V |
|--|--|
| <div> <div>Zero Everyday</div> <div></div> </div> <div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum mill anodized; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> </div> | <div> <div>Zero Everyday</div> <div></div> </div> <div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum mill anodized; Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> </div> </div> </div> |

Gasketing

Adjustable Head & Jamb Gasketing

Field conditions at installation are rarely perfect in the real world, alignment problems can cause gaps that diminish the performance of even the best-designed gasketing. Even with successful installations, similar problems can surface later as doors cycle through changes in temperature and humidity. Zero engineering provides field-proven solutions. Whenever gaps in door seals occur, it can be difficult to make needed adjustments using conventional gasketing. Zero's adjustable gasketing solves those problems with ease. Just a few turns of a screwdriver is all it takes to tighten adjusting screws along the length of the gasket and restore a tight seal.

770

Zero Preferred

Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:
BHMA CERTIFIED 10C

770FS

Zero Preferred

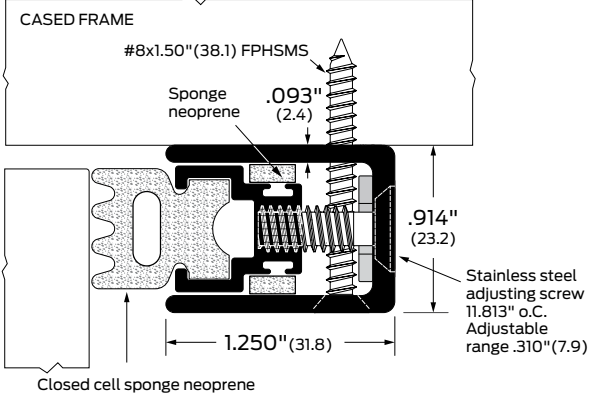




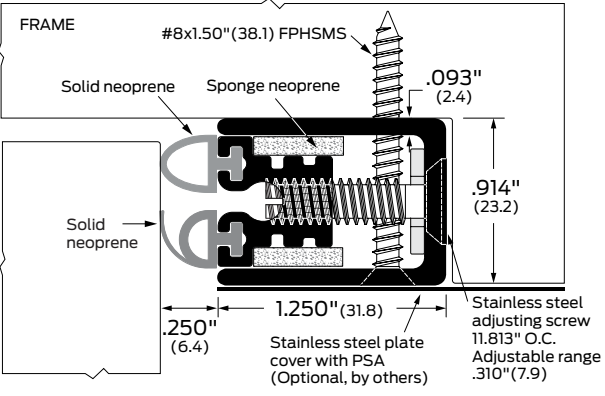




Finishes:
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:
BHMA CERTIFIED 10C

Gasketing

Adjustable Head & Jamb Gasketing

| | |
|---|---|
| <div>170</div> <div>Zero Preferred</div> <div>  </div> <div> <p>This model is supplied with mitered corners. 20 minutes as a stop, 180 min when applied to stop when ordered as a set.</p> </div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications:     </div> </div> | <div> <div>7770</div> <div>Zero Preferred</div> <div>  </div> <div> <p>This model is supplied with mitered corners. Neoprene extruded bulb/finger for secure seal. 20 minute as a stop, 180 min when applied to stop when ordered as a set.</p> </div> <div> <div> Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized </div> <div> Option: S, SEC </div> <div> Certifications:     </div> </div> </div> |
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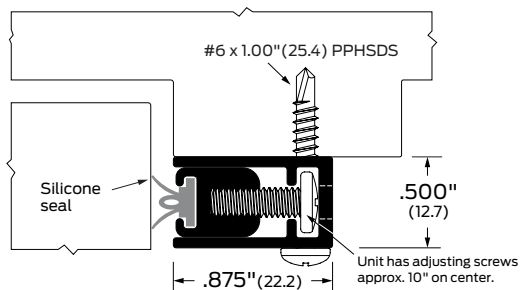
Gasketing

Adjustable Head & Jamb Gasketing

| | |
|--|---|
| <div>770 SP/STST</div> <div>Zero Preferred</div> <p>This model is supplied with mitered corners. 90 min. fire rating for certified wood and metal doors and frames when applied as a stop. Positive Pressure Listed as a stop for 16 gauge steel cased opening up to 90 minutes on single and pair doors. 180 minutes when applied to a stop when ordered as a set.</p> <div> <div>Finishes:</div> <div>Steel primed, Stainless steel</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div></div> </div> </div> | <div>712</div> <div>Zero Preferred</div> <p>Adjustable and spring loaded. Neoprene extruded bulb/finger for secure seal.</p> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div></div> </div> </div> |
| <div>870</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div></div> </div> </div> | <div>871</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div></div> </div> </div> |

Gasketing

Adjustable Head & Jamb Gasketing

873Zero Preferred **Finishes:**

Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized;
Aluminum gold anodized

Option:

SEC

Certifications:

Gasketing

Meeting Stile Gasketing

This is a vertical seal or molding that is on a pair of double doors that helps seal the gap between the two doors, providing additional security, insulation, and soundproofing. Meeting stile gasketing can be split or overlapping. Split meeting style gasketing attached to surface or is mortised and seals the area between the doors and is used when both doors are active. Overlapping astragal gasketing attaches to one door leaf, overlaps the other door leaf and is used when there is one active leaf, or a door coordinator controls the closing sequence of the door.

Gasketing

Overlapping Astragal Gasketing


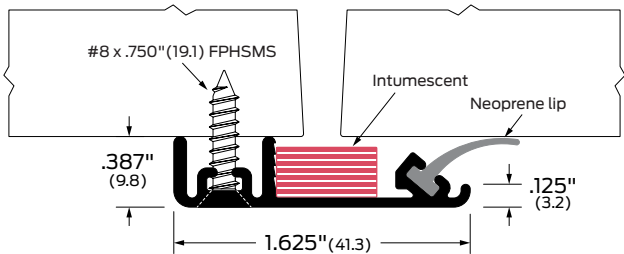


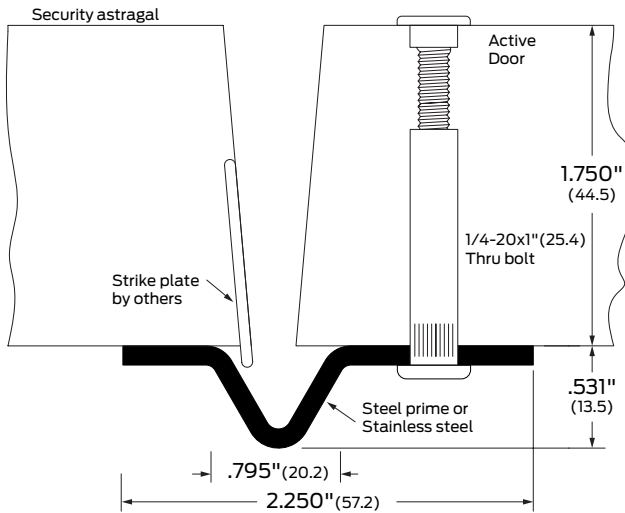


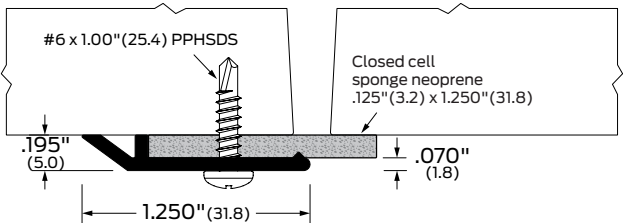


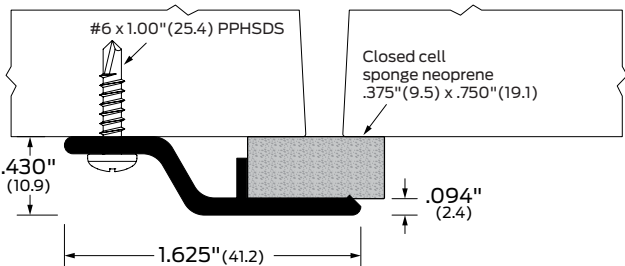

One Door Active or Coordinating Doors

An overlapping astragal is typically a solid piece of steel, stainless steel, aluminum, or wood, sometimes with an integral piece of gasketing. These would be used in where only one door is active or for coordinating doors.

| | |
|--|--|
| <div> <div>905</div> <div>Zero Preferred</div> </div> <div> <p>One door active or coordinating doors</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> </div> | <div> <div>44</div> <div>Zero Preferred</div> </div> <div> <p>One door active or coordinating doors</p> <p>Finishes: Stainless steel</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C ((IO))</p> </div> |
| <div> <div>47</div> <div>Zero Preferred</div> </div> <div> <p>One door active or coordinating doors</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED</p> </div> | <div> <div>383</div> <div>Zero Preferred</div> </div> <div> <p>90 minute max fire rating One door active or coordinating doors</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: SEC</p> <p>Certifications: BHMA CERTIFIED 10C ((IO))</p> </div> |

Gasketing

Overlapping Astragal Gasketing

| | |
|---|--|
| <div data-bbox="175 281 272 315">383FS</div> <div data-bbox="659 289 797 310">Zero Preferred </div> <div data-bbox="167 535 786 787">  </div> <div data-bbox="175 905 440 940"> <p>90 minute max fire rating One door active or coordinating doors.</p> </div> <div data-bbox="175 1010 764 1064"> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> </div> <div data-bbox="175 1094 428 1161"> <p>Option: SEC</p> <p>Certifications:  </p> </div> | <div data-bbox="850 281 899 315">43</div> <div data-bbox="1333 289 1471 310">Zero Preferred </div> <div data-bbox="842 352 1463 861">  </div> <div data-bbox="850 905 1115 924"> <p>One door active or coordinating doors.</p> </div> <div data-bbox="850 1010 1045 1047"> <p>Finishes: Steel primed; Stainless steel</p> </div> <div data-bbox="850 1094 1089 1161"> <p>Option: N/A</p> <p>Certifications:  </p> </div> |
| <div data-bbox="175 1213 232 1247">139</div> <div data-bbox="659 1222 797 1243">Zero Preferred </div> <div data-bbox="167 1350 786 1570">  </div> <div data-bbox="175 1692 440 1711"> <p>One door active or coordinating doors.</p> </div> <div data-bbox="175 1776 727 1831"> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> </div> <div data-bbox="175 1860 467 1921"> <p>Option: S, SEC</p> <p>Certifications:  </p> </div> | <div data-bbox="850 1213 909 1247">140</div> <div data-bbox="1333 1222 1471 1243">Zero Preferred </div> <div data-bbox="842 1333 1463 1596">  </div> <div data-bbox="850 1692 1115 1711"> <p>One door active or coordinating doors.</p> </div> <div data-bbox="850 1776 1403 1831"> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> </div> <div data-bbox="850 1860 1089 1921"> <p>Option: S, SEC</p> <p>Certifications:  </p> </div> |

Gasketing

Overlapping Astragal Gasketing

| | |
|---|---|
| <div>322</div> <div>Zero Preferred</div> <p>One door active or coordinating doors.</p> <p>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: S, SEC</p> <p>Certifications: BHMA CERTIFIED</p> | <div>339</div> <div>Zero Preferred</div> <p>One door active or coordinating doors.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</p> <p>Option: ZAG, S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> |
| <div>1840/41</div> <div>Zero Preferred</div> <p>Astragal, inswing One door active or coordinating doors.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: BHMA CERTIFIED (only 41) 10C</p> | <div>40/41</div> <div>Zero Preferred</div> <p>Magnetic astragal, inswing. For use on interior metal doors only. Available to order as engineering special. One door active or coordinating doors.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: SEC</p> <p>Certifications: 10C</p> |

Gasketing

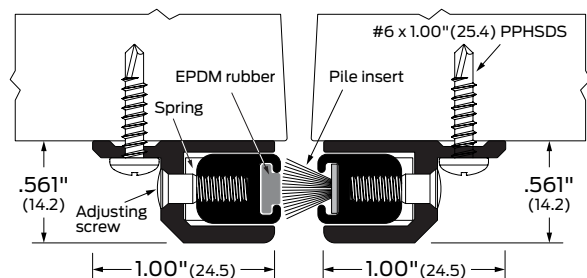
Split Meeting Stile Gasketing

Split meeting stile gasketing is a set of two pieces of gasketing or a single piece that attaches to one door leaf that meet in the center to help seal the gap between the doors. Depending on the types of doors and their usage, there are specific split meeting stile gasketing available.

Adjustable Surface-Mounted Meeting Stiles for Beveled Doors, Both Doors Active

55/155

Zero Preferred ✓



Fire-rated as a set—both models required. Order models separately.

Finishes:

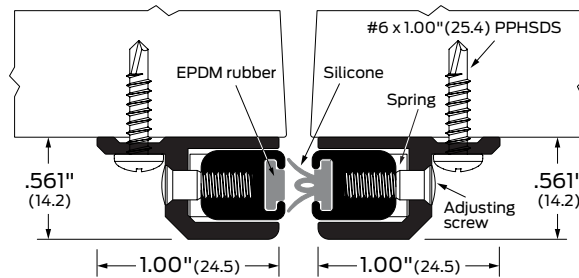
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
SEC

Certifications:
BHMA
 CERTIFIED
 10C

55/555

Zero Preferred ✓



Fire-rated as a set—both models required. Order models separately.

Finishes:

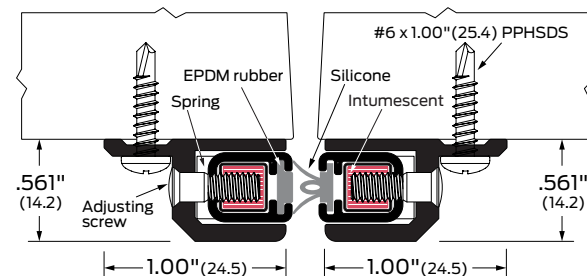
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
SEC

Certifications:
BHMA
 CERTIFIED
 10C

55FS/555FS

Zero Preferred ✓



Fire-rated as a set—both models required. Order models separately

Finishes:

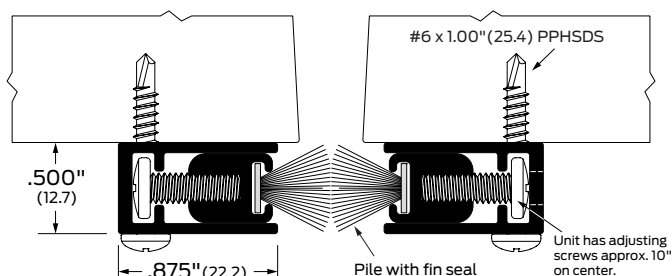
Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
SEC

Certifications:
BHMA
 CERTIFIED
 10C

871

Zero Preferred ✓


Finishes:

Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
S, SEC

Certifications:
BHMA
 CERTIFIED
 10C

Gasketing

Split Meeting Stile Gasketing

873

Zero Preferred

Finishes:
 Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
 SEC

Certifications:
 BHMA CERTIFIED 10C

Adjustable Mortised Meeting Stiles for Bull-Nosed Doors, Both Doors Active

56/557

Zero Preferred

Order models separately.

Finishes:
 Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
 N/A

Certifications:
 BHMA CERTIFIED 10C

56/156

Zero Preferred

Order models separately.

Finishes:
 Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:
 N/A

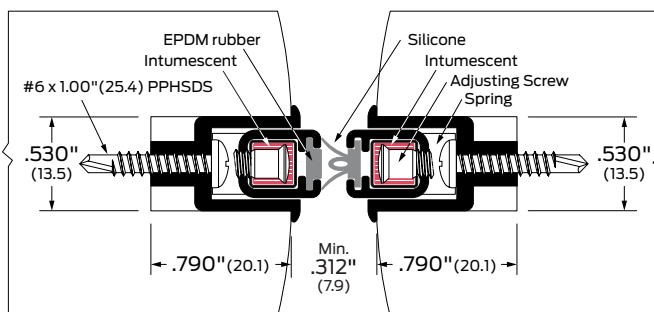
Certifications:
 BHMA CERTIFIED 10C ((C))

Gasketing

Split Meeting Stile Gasketing

56FS/557FS

Zero Preferred ✓



Order models separately.

Finishes:

Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

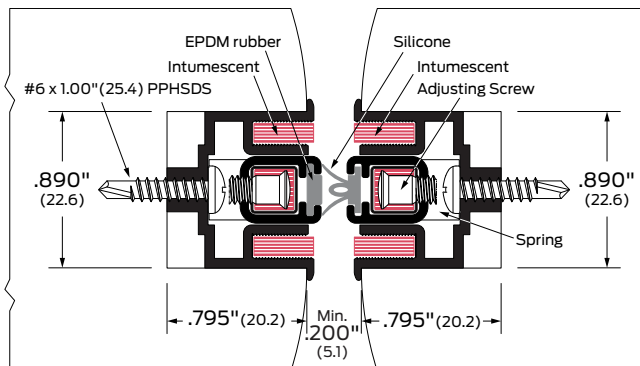
Option:

N/A

Certifications:

3056FS/3557FS

Zero Preferred ✓



Fire-rated as a set—both models required. Order models separately.

Finishes:

Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

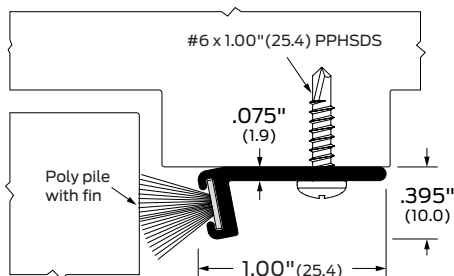
N/A

Certifications:

Surface-Mounted Meeting Stiles for Beveled Doors, Both Doors Active

98

Zero Preferred ✓

**Finishes:**

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

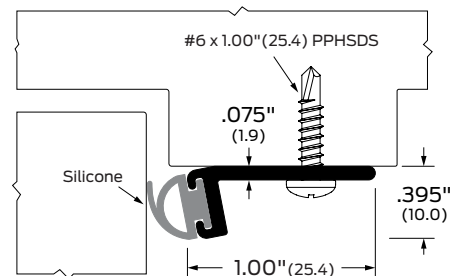
Option:

ZAG, S, SEC

Certifications:

99

Zero Preferred ✓

**Finishes:**

Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Option:

ZAG, S, SEC

Certifications:

Gasketing


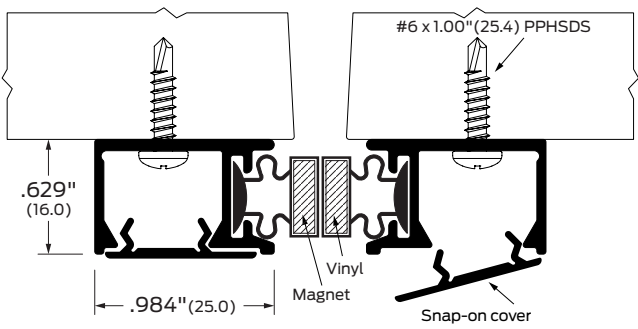


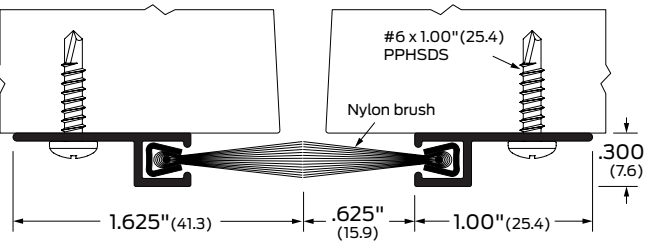


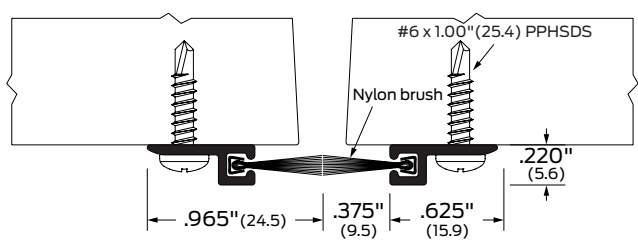


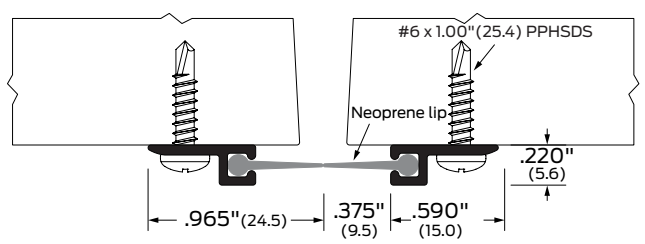

Split Meeting Stile Gasketing

| | |
|---|---|
| <div>100</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>ZAG, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>326</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</div> </div> <div> <div>Option:</div> <div>ZAG, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> <div>(((o)))</div> </div> </div> |
| <div>328</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed aged bronze</div> </div> <div> <div>Option:</div> <div>ZAG, S, SEC</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> <div>(((o)))</div> </div> </div> | <div>370</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> </div> </div> |

Gasketing

Split Meeting Stile Gasketing

Surface-Mounted Meeting Stiles for Beveled Doors, Both Doors Active

| | |
|---|--|
| <p>375 Zero Preferred </p>  <p>Magnetic head and jamb gasketing. For use with interior metal doors only. Available to order as engineering special.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: </p> | <p>8192 Zero Everyday </p>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, SEC</p> <p>Certifications: </p> |
| <p>8193 Zero Everyday </p>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, S, SEC</p> <p>Certifications: </p> | <p>8194 Zero Everyday </p>  <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, SEC</p> <p>Certifications: </p> |

Gasketing

Split Meeting Stile Gasketing

| | |
|---|--|
| <div>8879</div> <div>Zero Everyday <input checked="" type="checkbox"/></div> <div> </div> <div> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, S, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | <div>8195</div> <div>Zero Everyday <input checked="" type="checkbox"/></div> <div> </div> <div> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: PSA, SEC</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> |
|---|--|

Mortised Meeting Stiles for Bull-Nosed Doors, Both Doors Active

| | |
|---|---|
| <div>34/38</div> <div>Zero Preferred <input checked="" type="checkbox"/></div> <div> </div> <div> <p>Order models separately.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> | <div>35/38</div> <div>Zero Preferred <input checked="" type="checkbox"/></div> <div> </div> <div> <p>Order models separately.</p> <p>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</p> <p>Option: N/A</p> <p>Certifications: BHMA CERTIFIED 10C</p> </div> |
|---|---|

Gasketing

Split Meeting Stile Gasketing

| | | |
|--------------|----------------|--|
| 36/38 | Zero Preferred | |
| 53 | Zero Preferred | |
| 398V | Zero Preferred | |
| 399V | Zero Preferred | |

Gasketing

Split Meeting Stile Gasketing

| | |
|--|--|
| <div>159FS</div> <div>Zero Preferred</div> <div> </div> <div>Supplied standard with PSA.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> <div>Option:</div> <div>N/A</div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> | <div>8217S</div> <div>Zero Preferred</div> <div> </div> <div>Very low profile, for door pairs with very small clearance. Also suitable for glass doors. Supplied standard with PSA.</div> <div> <div>Finishes:</div> <div>Black silicone</div> <div>Option:</div> <div>N/A</div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> |
| <div>381</div> <div>Zero Preferred</div> <div> </div> <div>Supplied standard with PSA.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> <div>Option:</div> <div>FLO, SEC</div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> | <div>59FS</div> <div>Zero Preferred</div> <div> </div> <div>Supplied standard with PSA.</div> <div> <div>Finishes:</div> <div>Aluminum mill finish</div> <div>Option:</div> <div>N/A</div> <div>Certifications:</div> <div> <div>BHMA</div> <div>10C</div> </div> </div> |

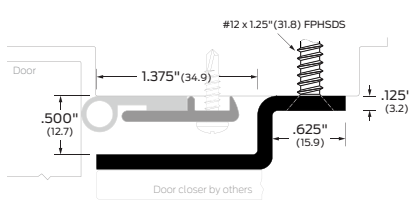
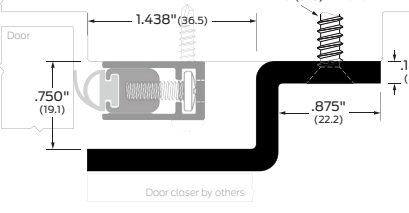
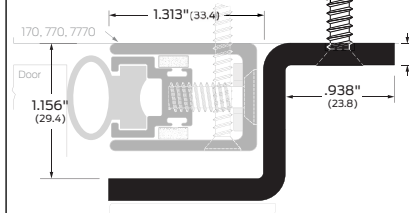



Gasketing

Specialized Solutions

Door Closer Mounting Brackets

These mounting brackets can be used to protect gasketing when installed with an LCN® door closer or with products supplied by other manufacturers. See the table below to determine which bracket model to use with a chosen gasketing model.



| 328SPB | 870SPB | 770SPB |
|---|---|---|
| Zero Preferred ✓ | Zero Preferred ✓ | Zero Preferred ✓ |
|  |  |  |
| Door closer mounting bracket 6" (152.4) long | Door closer mounting bracket 6" (152.4) long | Door closer mounting bracket 6" (152.4) long |
| Finishes: Steel-prime painted | Finishes: Steel-prime painted | Finishes: Steel-prime painted |
| Option: N/A | Option: N/A | Option: N/A |
| Certifications:  | Certifications:  | Certifications:  |

| Compatible Gasketing for Door Closer Brackets | | | | | |
|--|--------|--|--------|---|--------|
| 328SPB | | 870SPB | | 770SPB | |
| Height | Width | Height | Width | Height | Width |
| .500 | 1.375" | .750" | 1.438" | 1.156" | 1.313" |
| 31, 32, 33, 50, 58FS, 98, 99, 100, 139, 312, 314, 326, 328, 475, 485, 5831, 5831FS, 5832, 5832FS, 5833, 8193, 8302, 8303, 8305, 8306, 8877, 8878, 8879 | | 270, 272, 318, 322, 370, 375, 376, 470, 472, 478, 712, 870, 871, 873, 1370 | | 170, 770, 3708, 3709, 770FS, 770SP, 770STST, 7770 | |

Gasketing

Specialized Perimeter Seal Accessories

Specialty Exterior Protection – Rain drips for outswing doors.

| 11 Rain Drip <div>Zero Preferred</div> | 141 Rain Drip <div>Zero Preferred</div> | Application <div>Zero Preferred</div> |
|---|---|---|
| | | |
| Finishes: Aluminum clear anodized; Black; Aluminum dark bronze anodized; Aluminum gold anodized | Finishes: Aluminum clear anodized; Black; Aluminum dark bronze anodized; Aluminum gold anodized | Finishes: N/A |
| Option: SEC | Option: SEC | Option: SEC |
| Certifications: | Certifications: | Certifications: |
| 25 Interlocking Angle <div>Zero Preferred</div> | 142 Rain Drip <div>Zero Preferred</div> | 144 <div>Zero Preferred</div> |
| | | |
| Finishes: Aluminum clear anodized; Black; Aluminum dark bronze anodized; Aluminum gold anodized | Finishes: Aluminum clear anodized; Black; Aluminum dark bronze anodized; Aluminum gold anodized | Finishes: Aluminum clear anodized; Black; Aluminum dark bronze anodized; Aluminum gold anodized |
| Option: SEC | Option: SEC | Option: SEC |
| Certifications: | Certifications: | Certifications: |

Accessories and Options

Fasteners

Perimeter seals are supplied with the appropriate screws and quantities needed for installation based on order length. Use the part numbers below for ordering additional screws.

| Standard Screw Packs - Head and Jamb | | | | |
|---|----------|------------------------------|--------------|--|
| Applicable Perimeter Seal Models | Part # | Description | Finish | Package Contents |
| 170, 770, 7770, 770SP, 770STST | 47254760 | Head and Jamb | AA | 19 Screws #8x1-1/2" FPHSMS, ZP |
| 170D, 770D, 7770D | 47254761 | Head and Jamb | D, BK | 19 Screws #8x1-1/2" FPHSMS, black ZP |
| 170G, 770G, 7770G | 47254762 | Head and Jamb | G | 19 Screws #8x1-1/2" FPHSMS, brass plate |
| 11, 31, 32, 33, 39, 39W, 44STST, 47, 50, 50MA, 52, 53, 55, 55FS, 72, 95, 96, 98, 99, 100, 110, 111, 111FS, 139, 140, 141, 142, 153, 154, 155, 253, 253FS, 254, 255, 270, 272, 302FS, 312, 314, 318, 322, 326, 328, 328FS, 329, 339, 339W, 339FS, 376, 381, 452, 470, 472, 475, 477, 478, 485, 511, 539, 555, 555FS, 570, 639W, 712, 870, 871, 873, 905, 1370, 3544, 3546, 3709, 8049R, 8149, 8151, 8191, 8192, 8193, 8194, 8195, 8197, 8198, 8302, 8303, 8305, 8877, 8878, 8879 | 47254768 | Head and Jamb | AA, A | 6 Screws #6x1 PPHSDS |
| 11, 31, 32, 33, 39, 39W, 47, 50, 50MA, 51-90, 51-180, 55, 55FS, 95, 96, 98, 99, 100, 110, 111, 111FS, 139, 140, 141, 142, 153, 154, 155, 255, 270, 272, 302FS, 312, 314, 318, 322, 326, 328, 328FS, 329, 339, 339W, 339FS, 470, 472, 485, 511, 539, 555, 555FS, 570, 639W, 712, 870, 871, 873, 905, 951, 971-BIO, 972-BIO, 973-BIO, 974-BIO, 1370, 3709, 8191, 8192, 8193, 8194, 8195, 8197, 8198, 8302, 8303, 8305, 8877, 8878, 8879 | 47254769 | Head and Jamb, Finger Guards | D, BK | 6 Screws #6x1 PPHSDS, black ZP |
| 11, 31, 32, 33, 39, 39W, 47, 50, 50MA, 51-90, 51-180, 55, 55FS, 95, 96, 98, 99, 100, 110, 111, 111FS, 139, 140, 141, 142, 153, 154, 155, 255, 270, 272, 302FS, 312, 314, 318, 322, 326, 328, 328FS, 329, 339, 339W, 339FS, 470, 472, 485, 511, 539, 555, 555FS, 570, 639W, 712, 870, 871, 873, 905, 951, 971-BIO, 972-BIO, 973-BIO, 974-BIO, 1370, 3709, 8191, 8192, 8193, 8194, 8195, 8197, 8198, 8302, 8303, 8305, 8877, 8878, 8879 | 47254770 | Head and Jamb, Finger Guards | G, B | 6 Screws #6x1 PPHSDS, brass plate |
| 41, 1840 | 47254801 | Head and Jamb | AA, D, BK | 10 Screws #6x3/4" FPHSMS, 10 screws #6x3/4" FPHSMS Dark Bronze finish, and 10 Screws #6x3/4" gold finish |
| 429 | 47254804 | Head and Jamb | AA | 10 Screws #10x3/4" PPHSDS |
| 43SP, 43STST | 47254805 | Head and Jamb | All finishes | 11 1/4-20x1 FPHMS, 11 1/4-20 sex bolts 1" long, and 4 #10 x 3/4" PPHSDS |
| 521FS | 47254806 | Head and Jamb | All finishes | 6 - #10 x 1 1/2 FPHSMS CLR ZP Flanged, #10 C-sink washer |
| 383, 383FS | 47254807 | Meeting Stile | AA, D, BK | 10 - #8 x 3/4" FPHSMS and 10 #8 x 3/4" FPHSMS black ZP |
| 383, 383FS | 47261363 | Head and Jamb | G | 10 - #8 x 3/4" FPHSMS, brass plate |
| 51-90, 51-120, 51-180, 951, 971-BIO, 972-BIO, 974-BIO, 973-BIO | 47254808 | Finger Guard | A or AA | 14 - #6x3/4" PPHSMS |
| 56, 156, 557 | 47257629 | Head and Jamb | All finishes | 20 - 8-32x5/8 OPHMS steel ZP adjustment screws |

Accessories and Options

Security Screws

Finish for D, BK and G Torx screws are available upon request.

| Applicable Perimeter Seal Models | Part Number | Description | Finish | Package Contents |
|---|-------------|-------------|-----------------|--|
| 11, 31, 32, 33, 39, 44, 47, 50, 52, 53, 55, 72, 95, 96, 98, 99, 100, 110, 111, 139, 140, 141, 142, 153, 154, 155, 254, 255, 270, 272, 312, 314, 318, 322, 326, 328, 329, 339, 376, 381, 429, 452, 470, 472, 475, 477, 478, 485, 539, 555, 570, 712, 870, 871, 873, 905, 1370, 3709, 8049, 8149, 8151, 8191, 8192, 8193, 8194, 8195, 8197, 8198, 8302, 8303, 8305, 8306, 8877, 8878, 8879, 111FS, 302FS, 328FS, 339FS, 339W, 39W, 50M, 555FS, 55FS, 639W, 973BIO, 511, 51, 951, 971BIO, 972BIO, 974BIO | 47259852 | HNJ and FG | A or AA | 12 - #6X1 Button SEC TORX SMS, clear ZP |
| 170, 770, 770FS, 7770 | 47259939 | ADJ | AA, SP, or STST | 19 - #8X1-1/2" Flat SEC TORX SMS, clear ZP |
| 383, 383FS | 47259975 | STILES | AA | 10 - #8X3/4" Flat SEC TORX SMS, clear ZP |



Security Thru Sex Bolt

Offered for models #43 SP and #43STST, this assembly consists of:

- ¼-20 X .75" (25.4) FPHSMS
- ¼-20 X 1.50" (25.4) sex bolt

It may be used with doors up to 1-3/4" thick.

Replacement Rubber Seals

Replacement seals are available for perimeter seal models containing rubber components. See appendix for replacement rubber seals. If viewing an interim version of the catalog, please contact Tech Support for replacement rubber information.



03 Weatherstripping

Door Sealing Systems



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Weatherstripping Overview

Weatherstripping seals gaps around movable components like doors and windows to block air, moisture, and debris, while accommodating movement. Unlike fixed perimeter seals, it ensures a tight, flexible barrier for operable parts, enhancing energy efficiency.

Zero Preferred

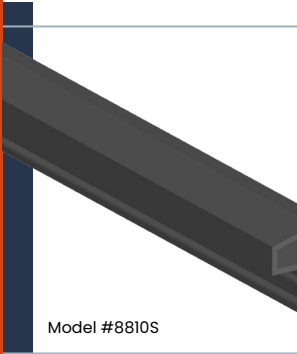
The Zero Preferred™ Series caters to high-use and abuse applications, making it the ideal choice for schools, hospitals, universities, and other institutional facilities. Zero’s Preferred Series is crafted from top-quality materials to ensure exceptional reliability and durability, even in the most challenging conditions. These sealing solutions provide long-lasting protection and offer a wide variety of installation options and material types to meet different needs, such as compliance with codes and overcoming difficult installation conditions.

Zero Everyday

Meanwhile, the Zero Everyday™ Series is designed for medium to light-duty applications, and provides reliable solutions perfectly suited for multifamily residences, hospitality, retail, and commercial offices. This family of products prioritizes availability, affordability, and ease of installation for low-cost scenarios. Zero Everyday™ Series is ideal for projects that don’t require premium materials but still demand reliable performance from a brand you trust.

Types of Weatherstripping

Weatherstripping refers to materials or seals used to prevent air, water, or contaminants from entering gaps around doors, windows, or other openings. Zero offers a diverse range of weatherstripping solutions, including kerf seals, pressure-sensitive adhesive (PSA) rubber seals, and specialized metal and glass door options, tailored to optimize sealing performance in various applications. Key features include high-quality adhesives for reliable installation, unique profiles for tighter seals, and material options like silicone for temperature extremes, synthetic rubber blend for durability, and intumescent for fire protection. These solutions enhance energy efficiency, durability, and functionality, addressing both budget and specialized application needs.



Kerf Frame

Kerf frame weatherstripping provides efficient sealing by fitting into the kerf, or groove, of door frames, offering protection against air, water, sound, and temperature infiltration.



Self-Adhesive

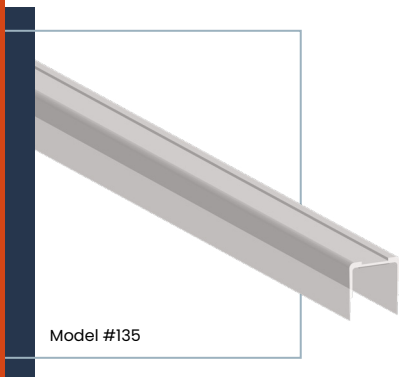
Self-adhesive weatherstripping features a PSA backing; it allows for quick and easy installation without the need for tools or fasteners.



Door & Window

Metal weatherstripping enables specifiers to optimize sealing solutions for a wide range of door and double-hung window applications.

Types of Weatherstripping



Glass Door

Zero offers sealing solutions for all your swing and sliding glass doors. Our pressure-sensitive adhesive applications, available with PVC or aluminum housings, are designed to protect and seal your doors from damage and environmental elements.

Weatherstripping

Weatherstripping Order Guide


| Models | Finishes | Options | Length |
|--------|----------|---------|--------|
| 1 | 2 | 3 | 4 |
| 188S | BK | | 17 |

| How to Order | | Examples |
|--------------|----------|---|
| 1 | Models | 5 19W 188S 318N 4000 824N |
| 2 | Finishes | A - Aluminum mill finish AA - Aluminum clear anodized B - Architectural mill finish bronze BK - Black BR - Brown CL - Clear D - Aluminum dark bronze anodized G - Aluminum gold anodized GY - Gray WH - White Z - Mill finish Zinc <small>*See profile for finish options.</small> |
| 3 | Options | PSA - Pressure sensitive adhesive, standard on some models ZAG - Ligature-resistant |
| 4 | Length | For all lengths, specify feet desired US std. measure. Example common Weatherstripping rolls: 17 - 17' roll for std. 3070 door 18 - 18' roll 19 - 19' roll 20 - 20' roll for std. double door 25 - for double doors to 8' wide x 8' high |


Weatherstripping

Accessories and Options

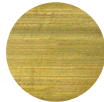
Finishes




A
Aluminum Mill Finish




AA
Aluminum Clear Anodized



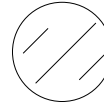
B
Bronze, Architectural Mill Finish




BK*
Aluminum Black Anodized or Black Rubber (711, US315AN)




BR
Brown Rubber




CL
Clear Rubber




D*
Aluminum Dark Bronze Anodized (710, US313AN)




G*
Aluminum Gold Anodized (688, US10AN)



GY
Gray Rubber



WH
White Rubber



Z
Mill Finish Zinc

Options

- PSA** Pressure-sensitive adhesive
- ZAG** Ligature-resistant gasketing

Pressure-Sensitive Adhesive (PSA)

Many weatherstripping products are supplied standard with a high quality 3M adhesive. PSA is also available as an option on other models. See profile for information on standard or optional PSA.

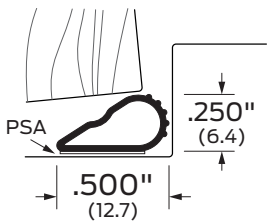
Ligature-Resistant Gasketing (ZAG)

This patented ligature-resistant option prevents unintended usage of the gasketing, including harming oneself or others. When ZAG is specified, the rubber is scored before insertion into the aluminum extrusion. This allows the seal to function as intended, but it will now break apart if removal is attempted or any weight is placed on the seal.

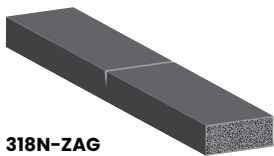
Fasteners

Metal weatherstripping is supplied with the appropriate fasteners and quantities needed for installation based on order length. Use the part numbers below for ordering additional screws.

| Models | Category | Part Number | Finish | Details |
|---|------------------------|-------------|--------|---|
| 4, 5, 18, 19, 19W, 23, 400, 500, 4000, 5000 | Metal weatherstripping | 47253928 | B, Z | 10 Nails #16 x 7/8" and 10 Wafer head drive screws #4 x 5/16" |



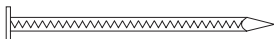
118-PSA



318N-ZAG



For hollow metal doors
#4 x 5/16" wafer-head drive screws used for installation on metal doors



For wood doors
#16 x 7/8" weatherstrip nails used for installation on wood doors

Weatherstripping

Weatherstripping Materials

Silicone

Silicone, typically black in color when used in head and jamb gasketing, is a versatile material that is made from silicone rubber, a synthetic polymer composed of silicon, oxygen, carbon, and hydrogen. Silicone can withstand extreme temperatures and harsh environmental conditions, maintaining its shape and elasticity even under long-term compression and decompression. This makes it suitable for outdoor and industrial environments.

Material Properties

- Excellent flexibility and memory
- Flame-resistant
- Moisture-resistant
- Temperature range -65°F to 400°F
- Remains flexible at extreme temperatures

Synthetic Rubber Blend

The synthetic rubber blend comes in solid and sponge forms and is a durable material, offering a well-balanced combination of properties. Black in color, it provides excellent insulation and cushioning, making it ideal for demanding applications. With its long lifespan, minimal maintenance requirements, and sturdy construction, this rubber blend is well suited for high-traffic openings in schools, hospitals, universities, and government buildings.

Material Properties

- Very good abrasion resistance, tensile strength and memory
- Flame-resistant
- Moisture-resistant
- Temperature -10°F to 250°F
- Good resistance to ozone, sunlight and aging

Vinyl Covered Foam

Vinyl is flexible and effective, providing a barrier against drafts, moisture, dust, and insects. Additionally, vinyl is easy to clean and maintain. Vinyl is considered lighter duty compared to materials like heavy-duty rubber, making it ideal for applications where less intense wear and tear is expected.

Pile Brush

The inert polypropylene polymer resists deterioration under harsh environmental conditions and features a "brush" made of durable polypropylene fibers, which is typically gray in color. They are welded together to resist corrosion, unlike the metal carrier of a traditional brush. The polypropylene fin running down the center of the fibers is unique. The fin is every bit as flexible as the fibers themselves and is great for applications where aesthetics and quiet operation is important.

Weatherstripping

Weatherstripping Materials

Intumescent

Intumescent seals are crucial for fire protection, expanding under high temperatures to form an insulating barrier that prevents the spread of fire and smoke. Zero's intumescent technology meets stringent international and U.S. positive pressure requirements, offering top-quality fire and smoke seals.

Bronze and Zinc

Metal weatherstripping enables specifiers to optimize sealing solutions for a wide range of door and double-hung window applications. Spring seals for doors and double hung widow seals are available is a variety of sizes and profiles.

Kerf Frame Weatherstripping

Kerf frame weatherstripping provides efficient sealing by fitting into the kerf, or groove, of door frames, offering protection against air, water, sound, and temperature infiltration. Crafted from durable materials like silicone or rubber, it ensures long-lasting performance in residential, commercial, and institutional settings. Its clean design and easy installation enhance energy efficiency and comfort while maintaining a sleek appearance. Suitable for new construction and retrofits, it reliably seals various door frame types.

Weatherstripping

Kerf Frame Weatherstripping

Silicone Models

| | | |
|---|--|--|
| 8810S Zero Preferred | 8800S Zero Preferred | 8812S Zero Preferred |
| Finishes: Black; White Option: N/A Certifications: | Finishes: Black Option: N/A Certifications: | Finishes: Black Option: N/A Certifications: |
| 8054S Zero Preferred | 8056S Zero Preferred | |
| Finishes: Black; White Option: N/A Certifications: | Finishes: White Option: N/A Certifications: | |

Weatherstripping

Kerf Frame Weatherstripping

Synthetic Rubber Blend Models and Vinyl Covered Foam Models

| | | |
|--|--|---|
| <div>8052N</div> <div>Zero Preferred</div> <p>Closed cell sponge neoprene rubber.</p> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>8004N</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>8043N</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> |
| <div>8841R</div> <div>Zero Preferred</div> <p>EPDM rubber</p> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | <div>8053Q</div> <div>Zero Preferred</div> <p>Vinyl-covered foam</p> <div> <div>Finishes:</div> <div>White; Brown</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> <div>10C</div> </div> </div> | |

Weatherstripping

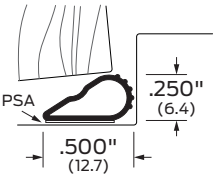
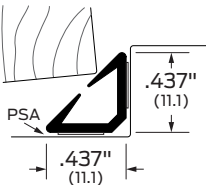
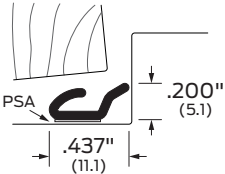
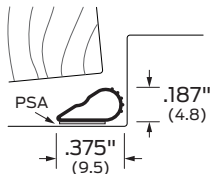
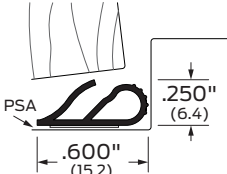
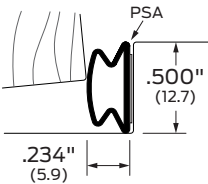
Self-Adhesive Weatherstripping

Self-adhesive weatherstripping is a versatile sealing solution designed to block air, water, dust, and noise from passing through gaps around doors, windows, and other openings. Featuring a pressure-sensitive adhesive (PSA) backing, it allows for quick and easy installation without the need for tools or fasteners. Available in durable materials like silicone and synthetic rubber blend (dense and sponge). Self-adhesive gasketing provides long-lasting performance in various environments. It enhances energy efficiency by sealing gaps that cause drafts and helps reduce noise infiltration for a more comfortable indoor space, making it ideal for residential, commercial, and industrial applications.

Weatherstripping

Self-Adhesive Weatherstripping

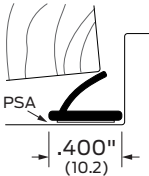
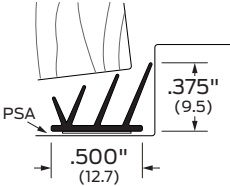
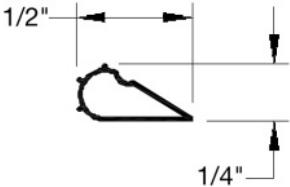
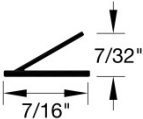
Silicone Models

| | | |
|---|---|---|
| <div>188S</div> <div>Zero Preferred</div>  <p>PSA standard. Intumescent rubber for fire and smoke protection. BioWall antimicrobial rubber.</p> <p>Finishes: Black; White; Brown; Clear; Gray</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED</p> | <div>8144S</div> <div>Zero Preferred</div>  <p>PSA standard. Intumescent rubber for fire and smoke protection.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <div>8042S</div> <div>Zero Preferred</div>  <p>PSA standard.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> |
| <div>488S</div> <div>Zero Preferred</div>  <p>PSA standard. Intumescent rubber for fire and smoke protection. BioWall antimicrobial rubber.</p> <p>Finishes: Black; White; Brown; Clear; Gray</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <div>8145S</div> <div>Zero Preferred</div>  <p>PSA standard.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <div>8216S</div> <div>Zero Preferred</div>  <p>PSA standard.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> |

Weatherstripping

Self-Adhesive Weatherstripping

Silicone Models

| | | |
|--|--|--|
| <p>117S Zero Preferred</p>  <p>PSA standard.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: N/A</p> | <p>8150S Zero Preferred</p>  <p>PSA standard.</p> <p>Finishes: Black</p> <p>Option: ZAG, PSA</p> <p>Certifications: BHMA CERTIFIED 10C</p> | <p>9188 Zero Everyday</p>  <p>Finishes: Black; Brown</p> <p>Option: PSA</p> <p>Certifications: 10C</p> |
| <p>9117 Zero Everyday</p>  <p>Finishes: Black</p> <p>Option: PSA</p> <p>Certifications: 10C</p> | | |

Weatherstripping

Self-Adhesive Weatherstripping

Sponge Synthetic Rubber Blend Models

| | | |
|---|---|--|
| <div>8172N</div> <div>Zero Preferred</div> <div> </div> <div>PSA standard</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>8770N</div> <div>Zero Preferred</div> <div> </div> <div>PSA standard</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>312N</div> <div>Zero Preferred</div> <div> </div> <div>PSA standard</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |
| <div>8780N</div> <div>Zero Preferred</div> <div> </div> <div>Mullion seal</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>139N</div> <div>Zero Preferred</div> <div> </div> <div></div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> | <div>926N</div> <div>Zero Preferred</div> <div> </div> <div>PSA standard</div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> </div> </div> |

Weatherstripping

Self-Adhesive Weatherstripping

Sponge Synthetic Rubber Blend Models

| 318N Zero Preferred | 2070N Zero Preferred | 810N Zero Preferred |
|---|---|---|
| | | |
| Finishes: Black Option: ZAG, PSA Certifications: | Finishes: Black Option: PSA Certifications: N/A | Finishes: Black Option: ZAG, PSA Certifications: |

Pile Brush Seal Models

| 137P Zero Preferred | 8136P Zero Preferred | 34P Zero Preferred |
|---|---|---|
| | | |
| <p>Also suitable for glass door application – see Specialized Solutions. PSA standard.</p> | <p>For .325" to .394" (10mm) thick doors. Clear housing with gray pile brush. PSA standard.</p> | |
| Finishes: Black; Gray Option: PSA Certifications: N/A | Finishes: Clear Option: PSA Standard Certifications: | Finishes: Black; Gray Option: PSA Certifications: N/A |

Weatherstripping

Self-Adhesive Weatherstripping

Pile Brush Seal Models

32P

Zero Preferred

Finishes:

Black; Gray

Option:

N/A

Certifications:

N/A

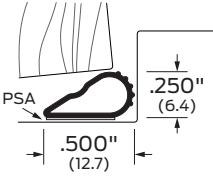
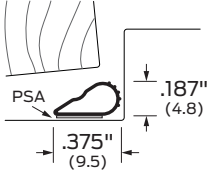








Intumescent Models

| | | |
|--|--|---|
| <div> <div>188FS</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div>PSA standard. Intumescent rubber for fire and smoke protection. BioWall antimicrobial rubber.</div> </div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div> </div> </div> </div> | <div> <div>488FS</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div>PSA standard. Intumescent rubber for fire and smoke protection. BioWall antimicrobial rubber.</div> </div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div> </div> </div> </div> | <div> <div>8144FS</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div>PSA standard. Intumescent rubber for fire and smoke protection.</div> </div> <div> <div>Finishes:</div> <div>Black</div> </div> <div> <div>Option:</div> <div>ZAG, PSA</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA CERTIFIED</div> <div>10C</div> <div> </div> </div> </div> |
|--|--|---|

Weatherstripping

Self-Adhesive Weatherstripping

BioWall Models

| | |
|---|---|
| 188BIO <div>Zero Preferred</div> | 488BIO <div>Zero Preferred</div> |
|  |  |
| PSA standard. BioWall antimicrobial rubber. | PSA standard. BioWall antimicrobial rubber. |
| Finishes: Brown | Finishes: Brown |
| Option: ZAG, PSA | Option: ZAG, PSA |
| Certifications:     | Certifications:     |

Weatherstripping




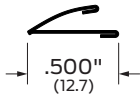
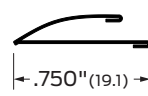
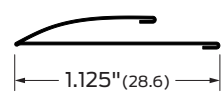






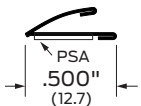
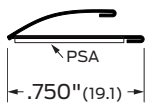
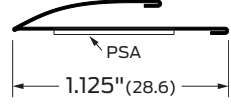



Door and Window Metal Weatherstripping

Metal weatherstripping enables specifiers to optimize sealing solutions for a wide range of door and double-hung window applications. Bronze spring seals with or without PSA allow a unique seal for wood doors and frames while providing long lasting performance of metal. The double hung window seals come in both Bronze and Zinc finishes and multiple shape configurations to best fit the application.

Weatherstripping

Door and Window Metal Weatherstripping

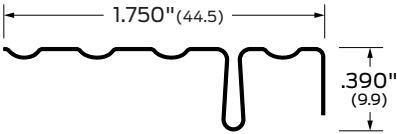
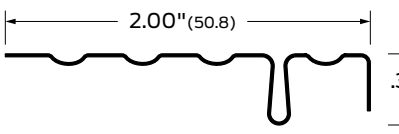
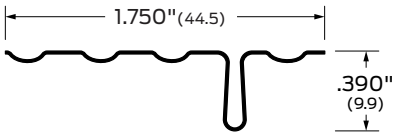
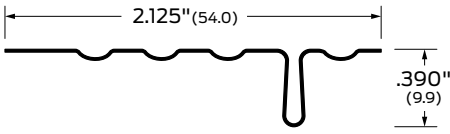
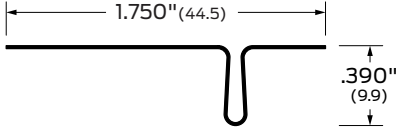
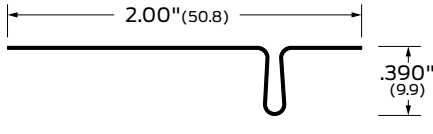
Cushion Bronze Spring Seals for Wood Doors and Frames

| | | |
|--|--|--|
| 18 Zero Preferred  | 19 Zero Preferred  | 19W Zero Preferred  |
|  <p>34 gauge spring bronze.</p> |  <p>34 gauge spring bronze.</p> |  <p>34 gauge spring bronze.</p> |
| Finishes: Bronze Option: N/A Certifications:  | Finishes: Bronze Option: N/A Certifications:  | Finishes: Bronze Option: N/A Certifications:  |
| 118 Zero Preferred  | 119 Zero Preferred  | 119W Zero Preferred  |
|  <p>34 gauge spring bronze. PSA Standard.</p> |  <p>34 gauge spring bronze. PSA Standard.</p> |  <p>34 gauge spring bronze. PSA Standard.</p> |
| Finishes: Bronze Option: PSA Certifications:  | Finishes: Bronze Option: PSA Certifications:  | Finishes: Bronze Option: PSA Certifications:  |

Weatherstripping

Door and Window Metal Weatherstripping

Jamb Seals for Double-Hung Wood Windows

| | | |
|---|--|--|
| <div>4</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>5</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>400</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> |
| <div>500</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>4000</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>5000</div> <div>Zero Preferred</div>  <div> <div>Finishes:</div> <div>Bronze; Zinc Mill</div> </div> <div> <div>Option:</div> <div>N/A</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> |

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

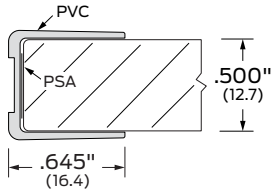
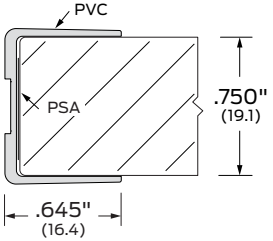
Pressure-sensitive adhesive (PSA) weatherstripping for glass doors offers an effective sealing solution for swinging or sliding glass doors. PVC or Aluminum extrusions are applied to the glass door with strong pressure-sensitive adhesive backing. The PVC housing provides edge protection and is a housing for the sealing material while the Aluminum extrusion provides the housing for the sealing material. Both housings can hold various seal materials that are based on application or user preference. The seal ensures a secure seal to block air, water, and sound infiltration. Designed for easy installation, it enhances energy efficiency and maintains the sleek appearance of glass doors, making it ideal for residential, commercial, and hospitality applications.

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

PVC Glass Door Edge Protection

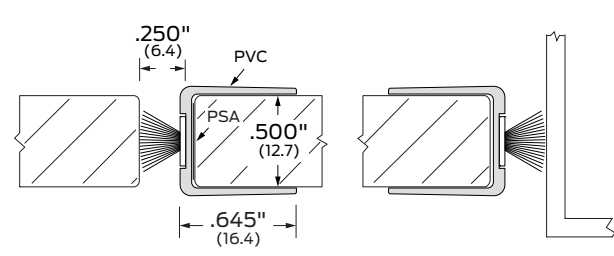
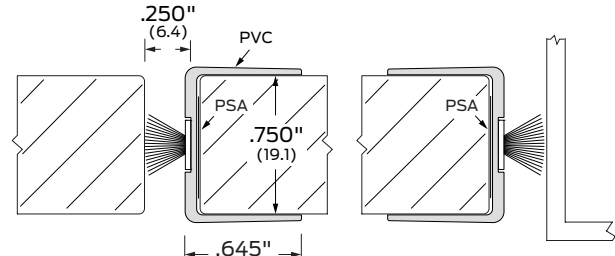
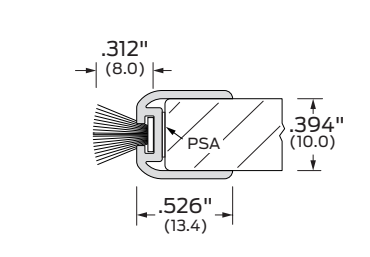
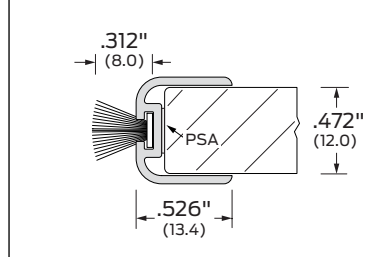
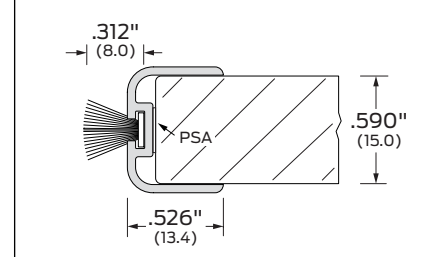
| | |
|--|---|
| <div>135</div> <div>Zero Preferred</div> <div>  </div> <div>For .450" to .500" (12.4mm) doors. PSA standard.</div> <div> <div>Finishes:</div> <div>Clear</div> </div> <div> <div>Option:</div> <div>PSA</div> </div> <div> <div>Certifications:</div> <div>N/A</div> </div> | <div>136</div> <div>Zero Preferred</div> <div>  </div> <div>For .665" to .750" (19.1mm) doors. PSA standard.</div> <div> <div>Finishes:</div> <div>Clear</div> </div> <div> <div>Option:</div> <div>PSA</div> </div> <div> <div>Certifications:</div> <div> <div>BHMA</div> <div>CERTIFIED</div> </div> </div> |
|--|---|

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

PVC and Polycarbonate Housing with Pile Seal for Swing and Sliding Glass Doors

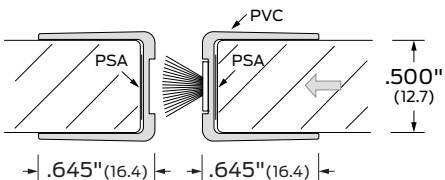
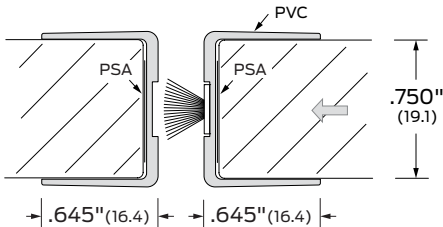
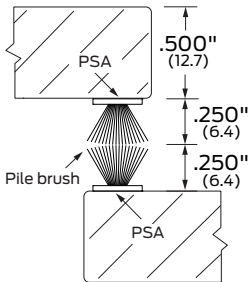
| | | |
|---|---|---|
| <div>137</div> <div>Zero Preferred</div> <div></div> <div>For .450" to .500" (12.4mm) doors. Clear housing with gray pile brush. PSA standard.</div> <div><div>Finishes:</div><div>Clear</div></div> <div><div>Option:</div><div>PSA</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> | <div>138</div> <div>Zero Preferred</div> <div></div> <div>For .655" to .750" (19.1mm) doors. Clear housing with gray pile brush. PSA standard.</div> <div><div>Finishes:</div><div>Clear</div></div> <div><div>Option:</div><div>PSA</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> | |
| <div>8136</div> <div>Zero Preferred</div> <div></div> <div>For .325" to .394" (10mm) thick doors. Clear housing with gray pile brush. PSA standard.</div> <div><div>Finishes:</div><div>Clear</div></div> <div><div>Option:</div><div>PSA</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> | <div>8137</div> <div>Zero Preferred</div> <div></div> <div>For .425" to .472" (12mm) thick doors. Clear housing with gray pile brush. PSA standard.</div> <div><div>Finishes:</div><div>Clear</div></div> <div><div>Option:</div><div>PSA</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> | <div>8138</div> <div>Zero Preferred</div> <div></div> <div>For .535" to .590" (15mm) thick doors. Clear housing with gray pile brush. PSA standard.</div> <div><div>Finishes:</div><div>Clear</div></div> <div><div>Option:</div><div>PSA</div></div> <div><div>Certifications:</div><div>BHMA CERTIFIED</div></div> |

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

Sliding Glass Door Sealing Solutions | Pile Seal

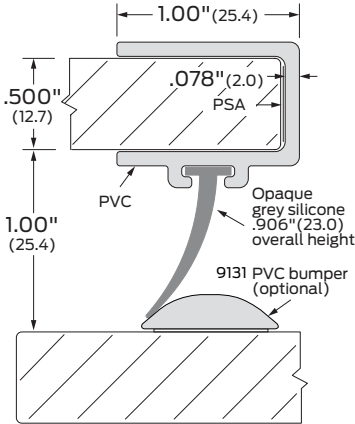
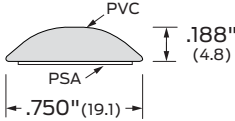
| | |
|---|---|
| 135/137 Zero Preferred ✓ | 136/138 Zero Preferred ✓ |
|  <p>PVC housing and poly pile brush seal for .500" (12.4mm) doors. PSA standard.</p> |  <p>PVC housing with neoprene seal. PSA standard. Min door gap .250", max door gap .340".</p> |
| Finishes: N/A | Finishes: N/A |
| Option: PSA | Option: PSA |
| Certifications: N/A | Certifications: N/A |
| 137P Zero Preferred ✓ | |
|  <p>Poly pile brush seal for .500" (12.4mm) doors. PSA standard.</p> | |
| Finishes: Black; Gray | |
| Option: PSA | |
| Certifications: N/A | |

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

Sliding Glass Door Sealing Solutions | Silicone Seal with Bumper

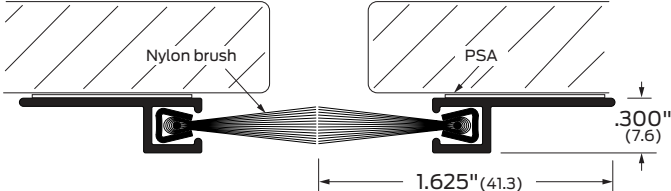
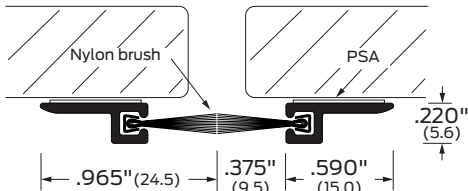
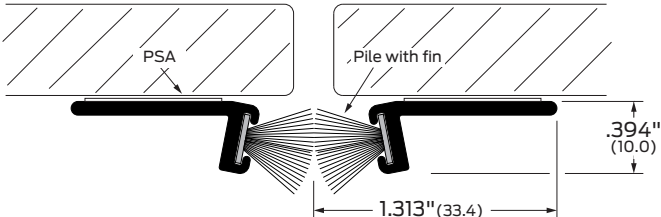
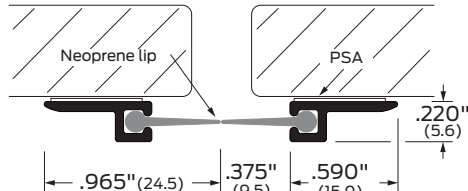
| | |
|---|--|
| <div>9137</div> <div>Zero Preferred</div> <div></div> <div><p>For .500" (12.4mm) doors. Application with #9131 PVC bumper. PSA standard. Min door gap .500", max door gap 1" when used without bumper or 1.2" when used with 9131 bumper.</p></div> <div><div>Finishes: Clear</div><div>Option: PSA</div><div>Certifications: BHMA CERTIFIED</div></div> | <div>9131</div> <div>Zero Preferred</div> <div></div> <div><p>PVC bumper, PSA standard.</p></div> <div><div>Finishes: Clear</div><div>Option: PSA</div><div>Certifications: N/A</div></div> |
|---|--|

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

Glass Door Pairs Sealing Solutions | Meeting Stile Applications

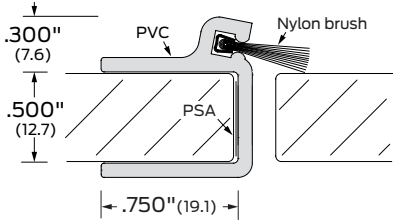
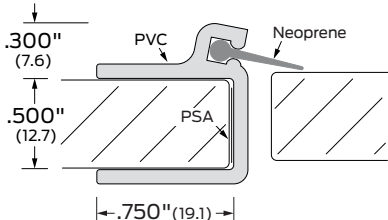
| | |
|--|--|
| <div>8192-PSA</div> <div>Zero Preferred</div> <div></div> <div>Min door gap .375", max door gap 1"</div> <div>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: PSA</div> <div>Certifications: BHMA CERTIFIED</div> | <div>8193-PSA</div> <div>Zero Preferred</div> <div></div> <div>Min door gap .250", max door gap .700"</div> <div>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: PSA</div> <div>Certifications: BHMA CERTIFIED</div> |
| <div>98-PSA</div> <div>Zero Preferred</div> <div></div> <div>Min door gap .250", max door gap .625"</div> <div>Finishes: Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: PSA</div> <div>Certifications: BHMA CERTIFIED</div> | <div>8194-PSA</div> <div>Zero Preferred</div> <div></div> <div>Min door gap .250", max door gap .700"</div> <div>Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> <div>Option: PSA</div> <div>Certifications: BHMA CERTIFIED</div> |

Weatherstripping

Pressure-Sensitive Adhesive

Weatherstripping for Glass Doors

Overlapping Astragal Applications

| | |
|--|---|
| <div>133</div> <div>Zero Preferred</div> <div></div> <div>PVC housing with black nylon brush. PSA standard. Min door gap .125", max door gap .250"</div> <div><div>Finishes: Clear</div><div><div>Option: PSA</div><div>Certifications: N/A</div></div></div> | <div>134</div> <div>Zero Preferred</div> <div></div> <div>PVC housing with neoprene seal. PSA standard. Min door gap .125", max door gap .250"</div> <div><div>Finishes: Clear</div><div><div>Option: PSA</div><div>Certifications: N/A</div></div></div> |
|--|---|

Weatherstripping Notes



04 Automatic Door Bottoms

Door Sealing Systems



Automatic Door Bottoms Index

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Options.....

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Air Flow/Sound Block (FLO).....

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361 End Cap.....

141 End Cap.....

360 End Cap.....

Automatic Door Bottoms Overview

Zero® offers a comprehensive range of sealing solutions specifically designed to meet the diverse demands of various environments.

Zero Preferred

The Zero Preferred™ Series caters to high-use and abuse applications, making it the ideal choice for schools, hospitals, universities, and other institutional facilities. Zero's Preferred Series is crafted from top-quality materials to ensure exceptional reliability and durability featuring thicker extrusions to perform even in the most challenging conditions. Automatic door bottoms in the Preferred series provide a greater range of offerings including greater sealing options, sponge and solid seal options and a wider range of adjustable maximum drops. Zero's patented automatic door bottom technology ensures an efficient seal against the floor or threshold.

Zero Everyday

Meanwhile, the Zero Everyday™ Series is designed for medium to light-duty applications, and provides reliable solutions perfectly suited for multifamily residences, hospitality, retail, and commercial offices. This family of products prioritizes availability and affordability. Zero Everyday™ Series is ideal for projects that don't require premium materials but still demand reliable performance from a brand you trust.

Types of Automatic Door Bottoms

Automatic door bottoms are devices installed at the base of a door to create a seal against drafts, sound, light, moisture, and insects when the door closes. They feature a mechanism that as the door is closed, the adjustable plunger is compressed against the door frame, activating a concealed flat spring mechanism. This mechanism drops the seal smoothly from the housing in a scissor-like motion. The door seal compresses on either even or uneven surfaces and retracts automatically when the door is opened to reduce wear. All Zero automatic door bottoms function the same way. The concealed spring mechanism causes the insert seal to activate on the hinge side first. It prevents the seal from dragging along the floor or threshold while the door is being closed. This allows the door to close properly, eliminating a closing delay. These devices are ideal for applications requiring effective sealing, such as soundproofing, energy efficiency, or climate control, and are commonly used in commercial and institutional settings. Below is an overview of the two types of automatic door bottoms and their applications:



Model #361

Preferred

These automatic door bottoms provide more offerings, including, compatibility with wood and hollow metal doors and an adjustable max drop from 0.5" to 0.875" making them ideal for superior sound and air protection.



Model #320

Everyday

These automatic door bottoms come offering a reliable sealing solution compatible typically with wood doors with a maximum drop of 0.75" and an integrated quiet seal for basic sound and air protection.



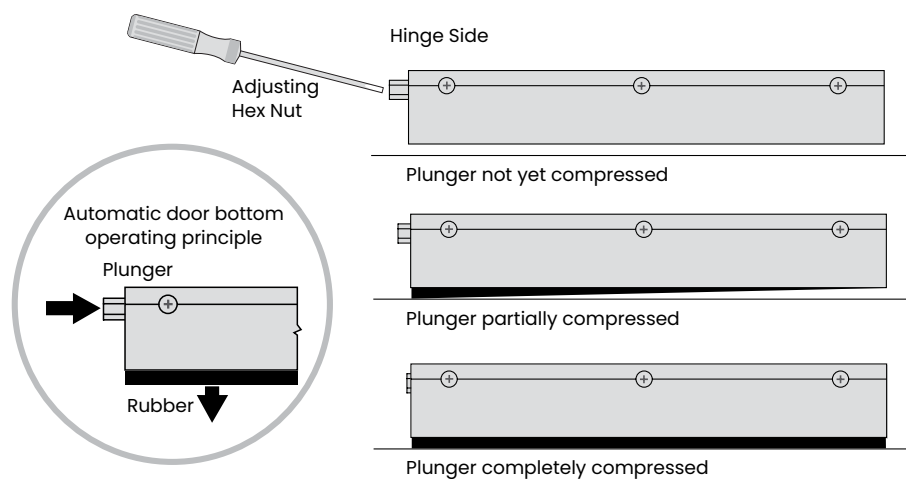
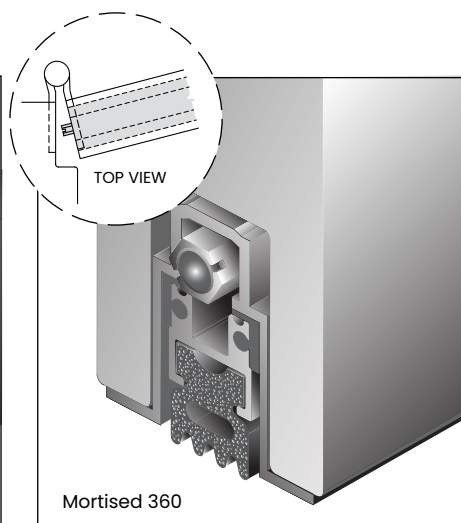
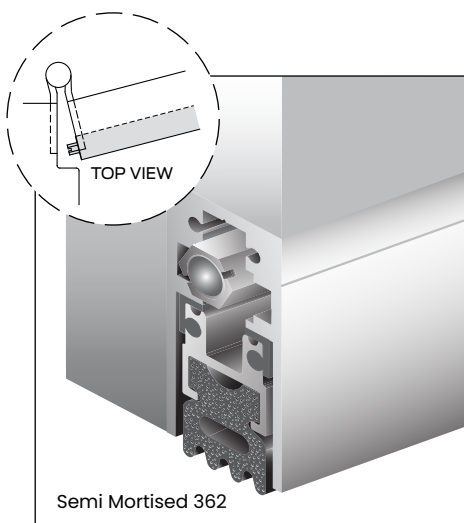
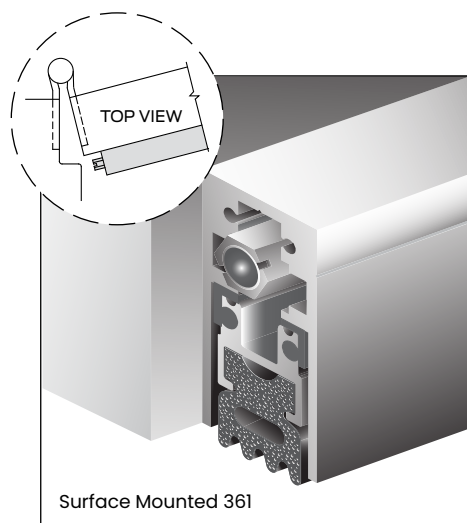
Model #364FS

Special Purpose

These special purpose automatic door bottoms cater to unique needs like intumescent and sliding door applications. Intumescent models expand to provide fire seals in heat, while sliding door versions ensure sound and air sealing without hindering movement, offering reliable performance for demanding environments.

Automatic Door Bottoms

Types of Automatic Door Bottoms



Automatic Door Bottoms

Automatic Door Bottoms Order Guide

| Models | Finishes | Options | Length | Metric | End Cap |
|--------|----------|---------|--------|--------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 360 | AA | LS | 36 | | Z49 |

| How to Order | | Examples |
|--------------|----------|---|
| 1 | Models | 320* 321 323 350* 351 352 355* 360* 361 362 364* 364FS 365 365FS 366 367 368 369* 3551* 3552* 7350 *Models: 320, 350, 355, 360, 364 and 369, available in AA finish only. End caps not included with 355, 3551, and 3552. |
| 2 | Finishes | AA - Aluminum clear anodized (628, US28) BK - Aluminum black anodized (711, USE315AN) D - Aluminum dark bronze anodized (710, US313AN) G - Aluminum gold anodized (688m US10AN) |
| 3 | Options | Blank - No options FLO - Air flow configuration (available on 355 and 3552 only) LK - Locking key 8361 LS - Light spring (not available on models 355, 364FS, 365FS, 366FS, 367, 368, 369, 3551, 3552) NH - No holes PL - Pull out option SEC - #8 X 1-1/2" Flat security Torx SMS (available on 352, 362, 366, and 368), #8 x 1-1/2" Button SEC Torx SMS (available on 321, 351, 361, 365, 367) Z49 - Easy access plate |
| 4 | Length | Use decimal to nearest 1/8" increment. Sizes under 18" trimming may be limited. |
| 5 | Metric | Blank = US Standard MM = Metric in millimeters (rounded to the nearest 1/8") |
| 6 | End cap | Blank = Std. end caps Included Z49 = End cap for models only: 360, 364, 364FS, 369 |

Automatic Door Bottoms

Accessories and Options

Finishes



AA
Clear Anodized Aluminum
(628, US28AN)



BK
Black Anodized Aluminum
(711, US315AN)



D
Dark Bronze Anodized Aluminum
(710, US313AN)



G
Gold Anodized Aluminum
(688, US10AN)

Note: See individual model for finish options. Black, dark bronze and gold anodized aluminum finished products may require a longer lead time, please contact customer service for accurate lead times.

Options

- LS

Light spring

SEC

Security screws
- FLO

Air flow/ sound block

LK

Locking key 8361
- Z49

Easy access plate

NH

No holes
- PL

Pull out (all Z49 come with pull out feature, unless otherwise specified)

Light Spring (LS)

When specified, the “light spring” replaces the standard heavy-duty spring mechanism that drops the seal from the door bottom housing. This feature can be useful for reducing opening and closing force for use with ADA-compatible doors.

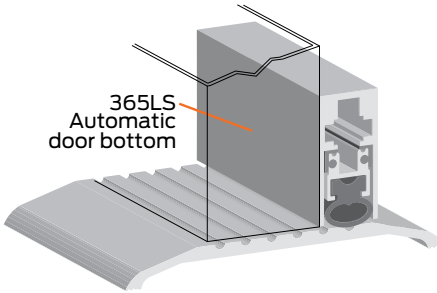
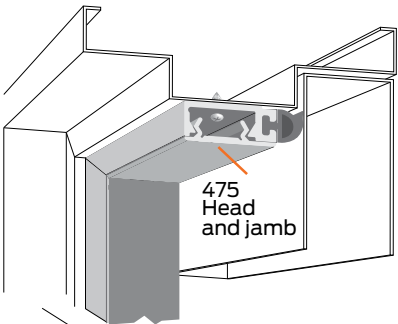
Zero 365LS ADB was tested for opening force in conjunction with Zero 475 Head and Jamb Gasketing on an ADA compatible door, results are shown below.

| Test Door: 36" X 84" x 1-3/4" | | | |
|-------------------------------|--|----------------------|----------------------|
| Test Results | | Opening Force (lbs.) | Closing Force (lbs.) |
| Test 1 | 475 Head and Jamb | 1.75 | 7.90 |
| Test 2 | 475 Head and Jamb 365LS Automatic Door Bottom | 1.90 | 9.05 |
| Test 3 | Closing force with no seals | - | 6.75 |

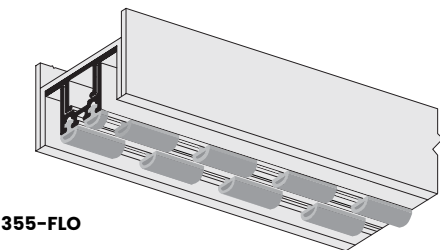
Air Flow/Sound Block (FLO)

Available as an option for mortised automatic door bottom models 355 and 3552.

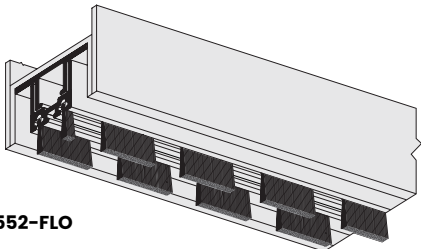
The FLO configuration is a practical solution for applications requiring air flow while blocking light and sound as much as possible. The design uses sound-dampening silicone seals or nylon brush which are notched and overlapped in staggered rows. This feature is commonly used for hotel doorways designed to exchange or allow air circulation between guest rooms and hallways.



475 and 365LS - 1.9 lbs opening force



355-FLO



3552-FLO

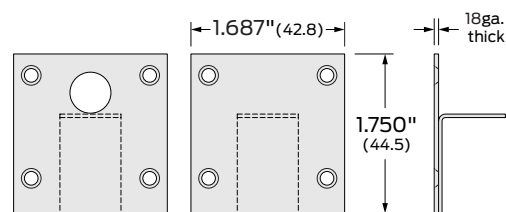
Automatic Door Bottoms Accessories and Options

Z49 End Cap – Easy-Access End Caps for Mortised Door Bottoms (Z49)

This option provides easy access end caps for cleaning the door bottom drop mechanism. It is well suited for applications in healthcare and other facilities subject to higher standards and routine inspections for cleanliness. Z49 comes standard with the pull-out (PL) feature, meaning you do not need to add PL option if ordering the Z49 end cap assembly.

Available finishes: Powder coat USP-600

Option available on 360, 364, and 369 mortised ADB models.



Z49

Pull-Out Option (PL)

Allows for easy removal of the inner seal assembly without removing the entire ADB or the door. This option is recommended for applications where the seal may need replaced or cleaned frequently.

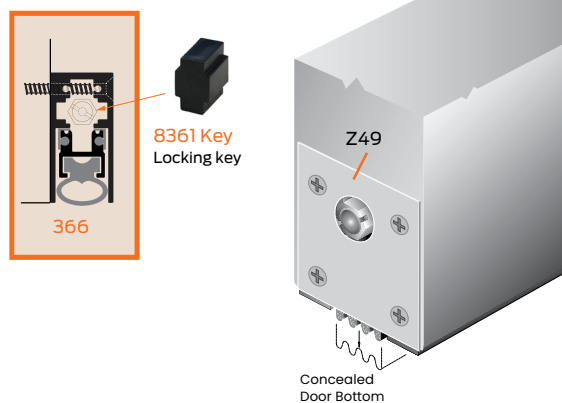
Note: Not available in lengths less than 26" for models 367, 368 and 369. All other models available in lengths 23" and up. Comes standard on Z49 end cap.

Security Screws (SEC)

Tamper-resistant Torx security screws. Prevents unauthorized removal in hospitals, schools and public places.

Locking Key 8361 (LK)

Locking key prevents the brass nut from rotating. Comes in black plastic finish. Fits over adjusting nut. Not for use with an end cap. For models: 351, 352, 361, 362, 365, 366, 367, 368.



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| Automatic Door Bottoms | <div><div><div><h2>Automatic Door Bottoms Preferred</h2><p>Preferred automatic door bottoms come with additional enhancements for more demanding requirements. They are available in mortise, semi-mortise, and surface mount configurations, including models for hollow metal doors and wood doors. They provide superior sound and air protection due to their enhanced sealing capabilities and feature adjustable max drop distances ranging from 0.5" to 0.875", making them an ideal choice for high-performance applications.</p></div></div></div> |
| Specialty Applications | |
| Model Number Index | |

Automatic Door Bottoms
Heavy Duty

| | | |
|--|---|---|
| <div>360</div> <div>Zero Preferred</div> <div></div> <div>Mortised. Supplied with closed cell sponge neoprene. Note: Consult your local AHJ for maximum allowable door undercut.</div> <div><div>Finishes:</div><div>Aluminum clear anodized</div></div> <div><div>Option:</div><div>LS, Z49, End Cap, PL</div></div> <div><div>Certifications:</div><div></div></div> | <div>362</div> <div>Zero Preferred</div> <div></div> <div>Semi-mortised applications. Supplied with closed cell sponge neoprene. Note: Consult your local AHJ for maximum allowable door undercut.</div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>LS, PL, SEC, LK</div></div> <div><div>Certifications:</div><div></div></div> | <div>361</div> <div>Zero Preferred</div> <div></div> <div>Surface-mounted applications. Supplied with closed cell sponge neoprene.</div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>LS, PL, LK, SEC</div></div> <div><div>Certifications:</div><div></div></div> |
|--|---|---|

Automatic Door Bottoms Heavy Duty

| 364 | 366 | 365 |
|--|--|---|
| Zero Preferred | Zero Preferred | Zero Preferred |
| <p>Mortised. Supplied with solid neoprene extrusion. Note: consult your local AHJ for maximum allowable door undercut.</p> | <p>Semi-mortised applications. Supplied with solid neoprene extrusion. Note: Consult your local AHJ for maximum allowable door undercut.</p> | <p>Surface-mounted applications. Supplied with solid neoprene extrusion.</p> |
| Finishes: Aluminum clear anodized | Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized | Finishes: Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized |
| Option: LS, Z49, End Cap, PL | Option: LS, PL, SEC, LK | Option: LS, PL, SEC, LK |
| Certifications: | Certifications: | Certifications: |

Automatic Door Bottoms
Heavy Duty

| | | |
|--|--|---|
| <div>369</div> <div>Zero Preferred</div> <div></div> <div>Mortised. Supplied with double solid neoprene seal. Magnet feature only on ADBs 24" and over. Note: Consult your local AHJ for maximum allowable door undercut.</div> <div><div>Finishes:</div><div>Aluminum clear anodized</div></div> <div><div>Option:</div><div>SEC</div></div> <div><div>Certifications:</div><div></div></div> | <div>368</div> <div>Zero Preferred</div> <div></div> <div>Semi-mortised applications. Supplied with solid neoprene extrusion. Magnet feature only on ADBs 24" and over. Note: Consult your local AHJ for maximum allowable door undercut.</div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>SEC</div></div> <div><div>Certifications:</div><div></div></div> | <div>367</div> <div>Zero Preferred</div> <div></div> <div>Surface-mounted. Supplied with double solid neoprene seal. Magnet feature only on ADBs 24" and over.</div> <div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div> <div><div>Option:</div><div>SEC</div></div> <div><div>Certifications:</div><div></div></div> |
|--|--|---|

Automatic Door Bottoms

Regular Duty

| | | |
|--|---|---|
| <div>350</div> <div>Zero Preferred</div> | <div>352</div> <div>Zero Preferred</div> | <div>351</div> <div>Zero Preferred</div> |
| <div></div> <div>Mortised. Supplied with solid neoprene extrusion. Lengths 60-72" available as engineering specials.</div> | <div></div> <div>Semi-mortised. Supplied with solid neoprene extrusion. Lengths 60-72" available as engineering specials.</div> | <div></div> <div>Surface-mounted. Supplied with solid neoprene extrusion. Lengths 60-72" available as engineering specials.</div> |
| <div>Finishes:</div> <div>Aluminum clear anodized</div> | <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> | <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> |
| <div>Option:</div> <div>LS, PL</div> | <div>Option:</div> <div>LS, PL, SEC, LK</div> | <div>Option:</div> <div>LS, SEC, PL, LK</div> |
| <div>Certifications:</div> <div></div> | <div>Certifications:</div> <div></div> | <div>Certifications:</div> <div></div> |

Automatic Door Bottoms
Regular Duty

| | | |
|---|--|---|
| <div>355</div> <div>Zero Preferred</div> <div></div> <div>For use with hollow metal doors. Mortised. Supplied without end caps.</div> <div><div>Finishes:</div><div>Aluminum clear anodized</div><div><div>Option:</div><div>FLO</div></div><div><div>Certifications:</div><div> </div></div></div> | <div>3551</div> <div>Zero Preferred</div> <div></div> <div>For use with hollow metal doors. Mortised. Supplied without end caps.</div> <div><div>Finishes:</div><div>Aluminum clear anodized</div><div><div>Option:</div><div>N/A</div></div><div><div>Certifications:</div><div> </div></div></div> | <div>3552</div> <div>Zero Preferred</div> <div></div> <div>For use with hollow metal doors. Mortised. Supplied without end caps</div> <div><div>Finishes:</div><div>Aluminum clear anodized</div><div><div>Option:</div><div>FLO</div></div><div><div>Certifications:</div><div> </div></div></div> |
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| Automatic Door Bottoms | <div><div><div><h2>Automatic Door Bottoms Everyday</h2><p>Everyday automatic door bottoms are a standard solution designed to meet basic sealing needs on wood doors. They are available in mortise, semi-mortise, and surface mount configurations, providing flexibility for various installations. With a maximum drop distance of 0.75" and an integrated quiet seal, these models ensure reliable performance for sound and air protection in everyday applications.</p></div></div></div> |
| Specialty Applications | |
| Model Number Index | |

Automatic Door Bottoms
Everyday

| | | |
|---|--|---|
| <div>320</div> <div>Zero Everyday <input checked="" type="checkbox"/></div> <div><p>Mortised. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized</div></div><div><div>Option:</div><div>LS, PL</div></div><div><div>Certifications:</div><div></div></div></div> <td><div>323</div><div>Zero Everyday <input checked="" type="checkbox"/></div><div><p>Mortised. Supplied with two handing holes that allow changing handing without changing mounting orientation. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized</div></div><div><div>Option:</div><div>LS, PL</div></div><div><div>Certifications:</div><div></div></div></div><td><div>321</div><div>Zero Everyday <input checked="" type="checkbox"/></div><div><p>Surface-mounted. Supplied with two handing holes that allow changing handing without changing mounting orientation. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div><div><div>Option:</div><div>LS, PL, SEC</div></div><div><div>Certifications:</div><div></div></div></div></td></td> | <div>323</div> <div>Zero Everyday <input checked="" type="checkbox"/></div> <div><p>Mortised. Supplied with two handing holes that allow changing handing without changing mounting orientation. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized</div></div><div><div>Option:</div><div>LS, PL</div></div><div><div>Certifications:</div><div></div></div></div> <td><div>321</div><div>Zero Everyday <input checked="" type="checkbox"/></div><div><p>Surface-mounted. Supplied with two handing holes that allow changing handing without changing mounting orientation. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div><div><div>Option:</div><div>LS, PL, SEC</div></div><div><div>Certifications:</div><div></div></div></div></td> | <div>321</div> <div>Zero Everyday <input checked="" type="checkbox"/></div> <div><p>Surface-mounted. Supplied with two handing holes that allow changing handing without changing mounting orientation. Lengths 60-72" available as engineering specials.</p><div><div>Finishes:</div><div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div></div><div><div>Option:</div><div>LS, PL, SEC</div></div><div><div>Certifications:</div><div></div></div></div> |
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| Automatic Door Bottoms | <div><div><div><h2>Automatic Door Bottoms Special Purpose</h2><p>Special purpose automatic door bottoms are tailored for unique needs, such as intumescent and sliding door applications. Intumescent models expand when exposed to heat, providing critical fire seals that prevent smoke and flame spread in fire-rated doors. For sliding doors, these door bottoms ensure effective sound and air sealing while accommodating the door's movement. These specialized solutions deliver reliable performance in demanding environments, addressing both fire safety and versatile door designs.</p></div></div></div> |
| Specialty Applications | |
| Model Number Index | |

Automatic Door Bottoms

Special Purpose

Intumescent Automatic Door Bottoms

| | |
|---|---|
| <div> <div>364FS</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum clear anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div>BHMA CERTIFIED 10C</div> </div> </div> | <div> <div>365FS</div> <div>Zero Preferred</div> </div> <div> </div> <div> <div> <div>Finishes:</div> <div>Aluminum clear anodized; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div>BHMA CERTIFIED 10C</div> </div> </div> |
|---|---|

Automatic Door Bottoms

Special Purpose

Sliding Door Automatic Door Bottom

7350

Zero Preferred

Mortised, for latching pocket/sliding doors.
 Note: This automatic door bottom functions differently from other Zero door bottoms. When the plunger is compressed, the mechanism causes the insert seal to activate and drop evenly along the door bottom. Maximum length of 48'.

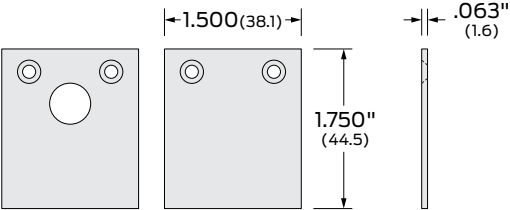
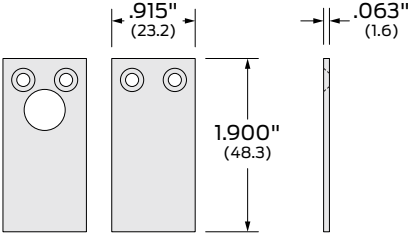
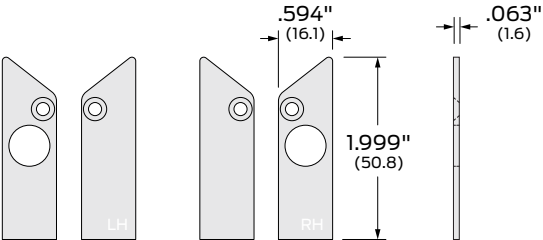
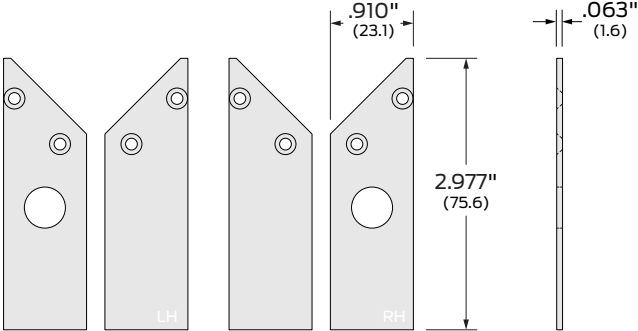
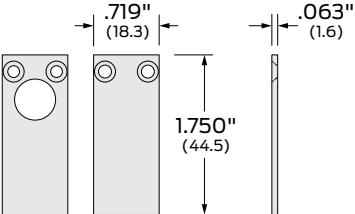
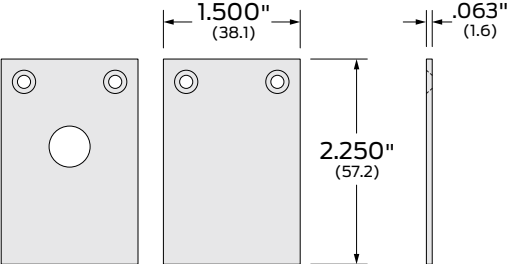
Finishes:
 Aluminum clear anodized

Option:
 LS, PL, NH

Certifications:
 N/A

Automatic Door Bottoms Accessories

Anodized aluminum plate .063" thick.
 All available in AA, Clear Anodized Aluminum finish, some available in D-Dark Bronze powder coat finish.
 Supplied standard as noted for each endcap model.

| | |
|---|---|
| <div>320 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 320 and 323 door bottoms</div> | <div>361 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 361, 362, 365, 366, 367, 368 door bottoms</div> |
| <div>321 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 321 door bottoms</div> | <div>141 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 362, 366, 368 with 141 rain drip</div> |
| <div>351 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 351, 352 door bottoms</div> | <div>360 End Cap</div> <div>Zero Preferred</div>  <div>Endcap for 350, 360, 364, 369, 7350 door bottoms</div> |

Automatic Door Bottoms Accessories

Endcap Kits for Automatic Door Bottoms

End caps and screws are provided in standard kits supplied with the Automatic Door Bottom models noted below.

Use these part numbers for ordering additional or replacement kits.

| Models | Part Number | ADB Finish | Details |
|---|--------------|------------|--|
| 360, 364, 369 with Z49 option | 47252145 | AA | 2 endcaps and 8 screws |
| 321 | 47253671 | AA | 4 endcaps and 2 screws for both handings |
| 321 | 47253671-695 | BK, D, G | 4 endcaps and 2 screws for both handings |
| 320, 323 | 47251270 | AA | 2 endcaps and 4 screws |
| 350, 360, 364, 369, 7350 | 47251371 | AA | 2 endcaps and 4 screws |
| 351, 352 | 47251332 | AA | 2 endcaps and 4 screws |
| 351, 352 | 47251332-695 | BK, D, G | 2 endcaps and 4 screws |
| 361, 362, 365, 366, 367, 368 | 47251383 | AA | 2 endcaps and 4 screws |
| 361, 362, 365, 366, 367, 368 | 47251383-695 | BK, D, G | 2 endcaps and 4 screws |
| 362, 366, 368 with 141 rain drip end cap | 47253705 | AA | 2 endcaps and 4 screws |

Automatic Door Bottoms Accessories

Automatic Door Bottom Screw Packs

Automatic door bottoms are supplied with the appropriate screws and quantities needed for installation based on order length. Use the part numbers below for ordering additional screws.

| Models | Category | Part Number | ADB Finish | Details |
|--|----------|--------------|------------|---|
| 320, 323, 350, 355, 360, 364, 369, 3551, 3552, 7350 Up to 108" | ADB | 47253854 | AA | 22 Screws #6 x 3/4" PPHSDS* ZP |
| 321, 351, 361, 365, 367 up to 108" | ADB | 47253868-00 | AA | 11 Screws #8 X 1-1/2" Truss PHSMS ZP |
| 321, 351, 361, 365, 367 up to 108" | ADB | 47253868-34 | G | 11 Screws #8 X 1-1/2" Truss PHSMS Gold ZP |
| 321, 351, 361, 365, 367 up to 108" | ADB | 47253868-695 | D, BK | 11 Screws #8 X 1-1/2" Truss PHSMS Black ZP |
| 352, 362, 366, 368, up to 108" | ADB | 47253866-00 | AA | 11 Screws #8 X 1-1/2" FPHSMS** ZP |
| 352, 362, 366, 368 up to 108" | ADB | 47253866-34 | G | 11 Screws #8 X 1-1/2" FPHSMS** - Gold ZP |
| 352, 362, 366, 368 up to 108" | ADB | 47253866-695 | D, BK | 11 Screws #8 X 1-1/2" FPHSMS** - Black ZP |
| 352, 362, 366, 368 | ADB | 47259741 | AA | 11 Screws #8 X 1-1/2" Flat security Torx SMS |
| 352, 362, 366, 368 | ADB | 47259741-480 | D, BK | 11 Screws #8 X 1-1/2" Flat security Torx SMS, Black ZP |
| 352, 362, 366, 368 | ADB | 47259741-633 | G | 11 Screws #8 X 1-1/2" Flat security Torx SMS, BRS Plate |
| 321, 351, 361, 365, 367 | ADB | 47259744 | AA | 11 Screws #8 X 1-1/2" Button security Torx SMS, Clear ZP |
| 321, 351, 361, 365, 367 | ADB | 47259744-480 | D, BK | 11 Screws #8 X 1-1/2" Button security Torx SMS, Black ZP |
| 321, 351, 361, 365, 367 | ADB | 47259744-633 | G | 11 Screws #8 X 1-1/2" Button security Torx SMS, BRS plate |

* PPHSDS: Philips Pan Head Self-drilling Screw
 ** FPHSMS: Flathead Philips Sheet Metal Screw

Replacement Rubber Seals

Replacement seals are available for ADB models containing rubber components. Ordering information is provided in the appendix. If you are viewing an interim version of this catalog, please contact Customer Support for replacement rubber.

Brass Spring Actuator Nut

50 mm 47255867

32mm brass actuator nut comes standard. If a longer brass actuator nut is needed, the 50mm extends the length of the door bottom actuator rod to compensate for variation in door gaps or other installed conditions.



Specialty Exterior Protection

Perimeter watersheds can be useful for impeding water ingress at door bottoms. To order, please refer to How-to-Order instructions in the Perimeter Seals section. If you are using an interim Automatic Door Bottom catalog that does not include perimeter seals, please call Allegion Technical Support for ordering assistance at 877-671-7011, option 2 for technical services.

Rain Drip 141
Zero Preferred

For 362, 366, 368 surface-mounted applications (with flat head screws)

Finishes:
Aluminum clear anodized; Aluminum black anodized;
Aluminum dark bronze anodized; Aluminum gold anodized



05 Specialty Applications

Door Sealing Systems



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Solutions and Specialty Products Overview

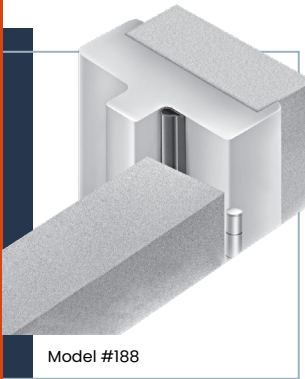
Zero® provides a diverse array of solutions and specialty products tailored to meet the unique demands of various industries and applications.

Zero Preferred



Most Zero solutions and specialty products fall within the Zero Preferred Series. This section encompasses solutions and products designed for specific challenges, such as fire safety, sound control, accessibility, and environmental protection. These solutions are crafted from high-quality materials and innovative designs to ensure superior performance, compliance with stringent codes, and adaptability to complex installation scenarios. Whether addressing the needs of healthcare facilities, educational institutions, or commercial spaces, Zero's specialty products deliver reliability, durability, and comprehensive protection.

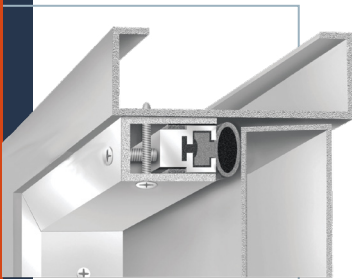
Types of Specialty Applications



Model #188

Intumescent Solutions

Designed to enhance fire safety, intumescent products expand when exposed to heat, forming a protective barrier that prevents the spread of smoke and flames. These solutions are essential for fire-rated doors and facilities requiring stringent fire protection measures.



Model #770

Sound Control Solutions

These products are engineered to minimize noise transmission, making them ideal for environments such as theaters, recording studios, and conference rooms where acoustic performance is crucial.



Model #950

Cam Lift Full Mortise Hinges

These hinges are designed to lift doors slightly upon opening, reducing wear on thresholds and seals, and are perfect for heavy-duty applications requiring durability and ease of operation. This application enables the door to lower when closed, providing a better seal.

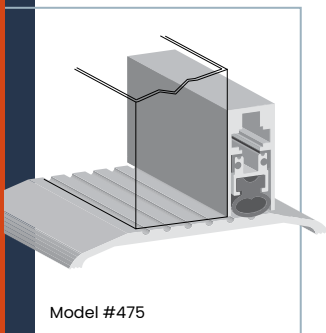


Model #51

Finger Guards

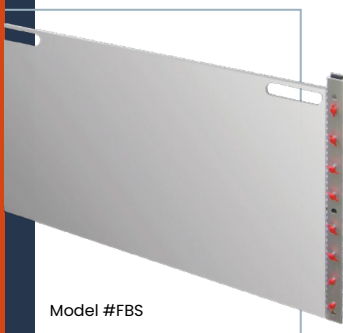
Safety products designed to prevent injuries by covering the gap between the door and frame, making them ideal for schools, childcare facilities, and public buildings.

Types of Specialty Applications



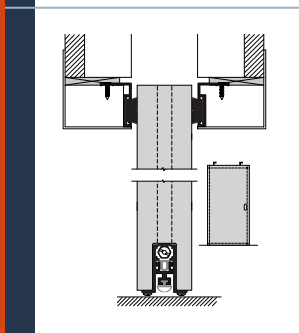
ADA Access Systems – Safety Products

These solutions include ramps and low-profile thresholds that comply with ADA standards, ensuring accessibility and safety for all users.



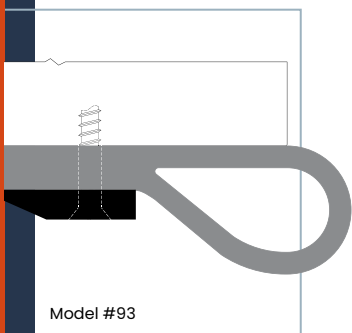
Floor Barrier Shield

Designed to prevent moisture and debris infiltration, floor barrier shields are ideal for protecting interior spaces from environmental elements.



Sliding and Pocket Doors

Specialty products for sliding and pocket doors provide effective sealing solutions without hindering door movement, ensuring privacy and protection in compact spaces.



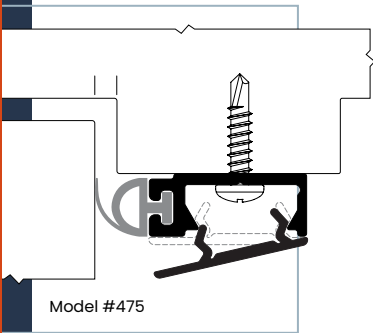
Heavy-Duty Overhead Doors

Engineered for industrial and commercial applications, these products offer robust sealing solutions for overhead doors, enhancing security and environmental protection.

Types of Specialty Applications

Hurricane Protection Wind-Driven Water Infiltration (Dade County Florida)

These solutions are tailored to withstand extreme weather conditions, providing protection against wind-driven water infiltration and complying with stringent regional codes.



Solution Set for Common Applications

Zero offers a variety of gasketing products for standard applications, ensuring effective sealing for doors and windows in residential, commercial, and institutional environments.

Solutions and Specialty Products

Intumescent Solutions

Intumescent products are critical for fire-rated doors and facilities that prioritize fire safety. These solutions are made from materials that expand when exposed to high temperatures, forming a protective barrier that seals gaps and prevents the spread of smoke, flames, and toxic gases. Ideal for use in healthcare facilities, schools, and high-rise buildings, intumescent seals are often integrated into door edges, frames, or gasketing systems. Zero's intumescent solutions comply with stringent fire safety codes and are essential for creating safe, code-compliant environments.

Specialty Applications

Intumescent Solutions

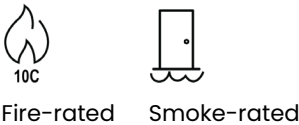
Positive Pressure Fire Solutions for Doors

Zero's many years of leadership and innovations in developing fire and smoke seals for international and U.S. positive pressure code requirements have produced top-quality components and engineered gasketing systems that meet the highest standards of design and life safely. Our expertise in intumescent technology provides special value for the entire building team spanning a wide range of fire protection applications.

Zero's positive pressure seals are tested and listed according to U.S. listing agencies' classifications for Category G edge sealing systems and Category H smoke and draft control systems. (See listing at right for category definitions.) Category G edge seals are required for use on Category B wood core doors. Category H smoke seals are required for all positive-pressure doors carrying "S" labels.

Our intumescent material is used in OEM Category A doors to eliminate the need for add-on seals to achieve positive-pressure ratings. Smoke seals may still be required.

Products tested for fire and smoke are identified in our catalog by these symbols:



U.S. Positive Pressure Testing Definition of Listing Categories

- CATEGORY A**
Doors – No Additional Edge-Sealing System Required
 This category includes doors that do not require the use of any intumescent in either the frame or the door. It also includes doors evaluated with intumescent incorporated into the edge of the door by the manufacturer. Category A doors are eligible to bear the "S" label for Smoke and Draft Control assemblies if a listed Category H "Smoke and Draft Control Gasket" has been applied to the assembly.
- CATEGORY B**
Doors – Additional Edge-Sealing System Required
 This category includes doors that require add-on intumescent sealing systems either surface-applied or built into the frame in order to meet positive-pressure fire test requirements. Category B doors are eligible to bear the "S" label for Smoke and Draft Control assemblies if a listed Category H "Smoke and Draft Gasket" has been applied to the assembly.
- CATEGORY G**
Edge-Sealing Systems
 This category includes systems that are surface-applied (such as kerf applied, adhesive backed or mechanically attached) to frames or doors. It includes meeting edge seals for use in pair and double-egress assemblies.
- CATEGORY H**
Smoke And Draft Control Gasketing
 This category includes gasket systems that are surface-applied (such as kerf applied, adhesive backed or mechanically attached) to frames or doors. It includes gasketing for the meeting edge for use in pair and double-egress assemblies.

Note: This category covers gasket systems that have been evaluated for use in positive pressure-rated assemblies but do not "provide" an edge-sealing system to the opening (see Category G).

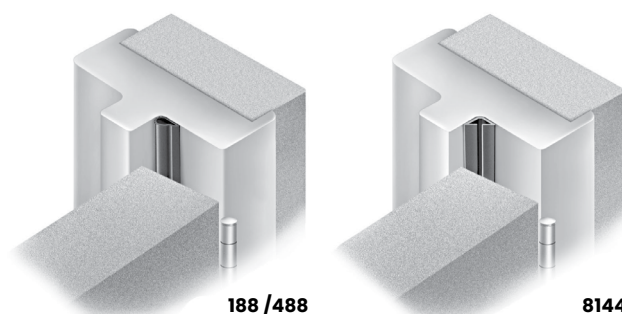
| Testing and Compliance | | | |
|------------------------|--|--|---|
| U.S. | | International | |
| UL 10B | Standard for fire tests of door assemblies | CAN/ULC-S104-10 | Canadian standard method for fire tests of door assemblies |
| UL 10C | Standard for positive pressure fire tests of door assemblies | International Standards Organization ISO 3008 2007 | Fire-resistance tests – door and shutter assemblies |
| UL 1784 | Standard for air leakage tests of door assemblies and other opening protectives. | British Standard Institute BS 476-PART 22 1987 | Methods for determination of the fire resistance of non-load bearing elements of construction |
| IBC 2018 | International building code | British Standard Institute BS 476-PART 31 1983 | Methods for measuring smoke penetration through doorsets and shutter assemblies |
| NFPA 105 | Standard for the installation of smoke door assemblies | BS EN 1634 | Fire-resistance tests for door and shutter assemblies |
| NFPA 252 | Standard methods of fire tests of door assemblies | Building and Regulatory Test Australia / New Zealand AS 1530.4 | Fire resistance test |

Specialty Applications

Intumescent Solutions

Category G and Category H Seals

Our extruded, surface-applied fire and smoke seals are engineered for improved performance and shelf life. These self-extinguishing, flame-retardant seals are formulated with a proprietary chemistry using silicone and intumescent.

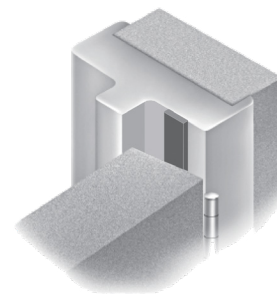


| 188FS Zero Preferred ✓ | 488FS Zero Preferred ✓ | 8144FS Zero Preferred ✓ |
|---|--|--|
| <p>Intumescent rubber for fire and smoke protection. PSA standard. 45-minute fire rating when used on category B wood doors.</p> <p>Finishes: Aluminum black anodized</p> <p>Option: ZAG</p> <p>Certifications: UL 10C, (C), I</p> | <p>Intumescent rubber for fire and smoke protection. PSA standard.</p> <p>Finishes: Aluminum black anodized</p> <p>Option: ZAG</p> <p>Certifications: UL 10C, I</p> | <p>Intumescent rubber for fire and smoke protection. PSA standard.</p> <p>Finishes: Aluminum black anodized</p> <p>Option: ZAG</p> <p>Certifications: UL 10C, (C), I, W</p> |

Head and Jamb FS3003 Intumescent Seals

Intumescent fire seals for use where smoke and draft control is not required. Can be mortised into wood doors or frames, or into edge strips. Wide range of choices tested to positive pressure standards, including UL 10C and BS 476-Part 22 1987.




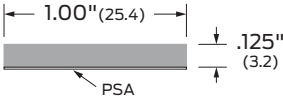
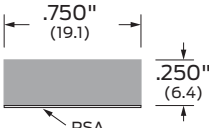
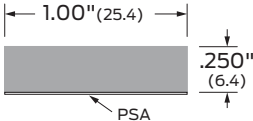
Available in black color. Supplied in 8 feet (2.4m) coil.



| 3062500PSA Zero Preferred ✓ | 3062750PSA Zero Preferred ✓ | 30621000PSA Zero Preferred ✓ |
|--|---|--|
| <p>Provides 30 minutes fire resistance. Two parallel seals can provide 60 minutes fire resistance in hardwood constructions.</p> | | |
| 30621750PSA Zero Preferred ✓ | 3125500PSA Zero Preferred ✓ | 3125750PSA Zero Preferred ✓ |
| | <p>Suitable for softwood constructions or where the gap between the door and the frame is greater than usual.</p> | <p>Provides 60 minutes fire resistance. Can be notched to fit around hinges.</p> |

Specialty Applications

Intumescent Solutions

| 31251000PSA Zero Preferred  | 3250750PSA Zero Preferred  | 32501000PSA Zero Preferred  |
|--|---|---|
|  <p>Larger seal helps control door distortion. May also be used between the door frame and masonry.</p> |  |  |

Intumescent Technology and Firestopping Solutions

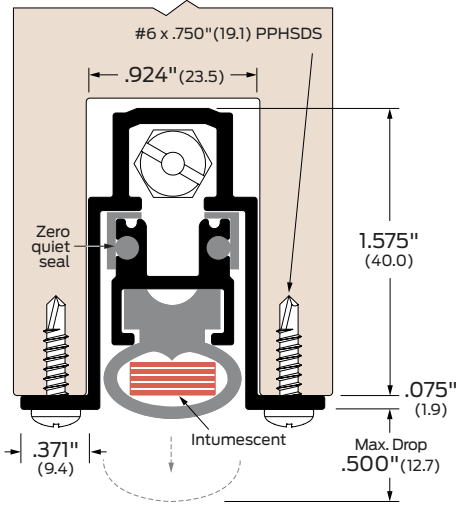






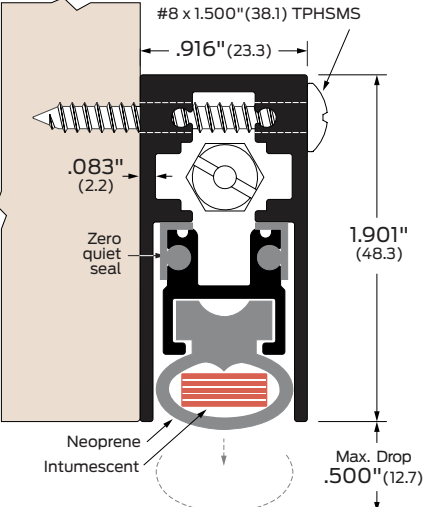






| FS3003 Intumescent Material Properties | |
|--|----------------------|
| | FS3003 |
| Activation temperature | 350°F (176°C) |
| Expansion volume | 16-18 X |
| Expansion pressure | 27 PSI (.0187 N/mm) |
| Multi or controlled directional | ✓ |
| Stability after expansion | Very good |
| Char | Soft and fluffy |
| Flame-resistant | ✓ |
| Moisture-resistant | ✓ |
| Chemically inert /paintable | ✓ |
| Non-carcinogenic | ✓ |
| Long-life (no deterioration) | ✓ |
| Odor-free | ✓ |
| Color – standard | Black |

Specifications

Stock Sizes
Thickness: .062"(1.6), .125"(3.2), .250"(6.4)
Width: .375" (9.5), .500"(12.7), .750"(19.1), 1.00"(25.4), 1.75"(44.5), 2.00"(50.8)

Specialty Applications

Intumescent Automatic Door Bottoms

| | |
|---|--|
| <div>364FS</div> <div>Zero Preferred</div> | <div>365FS</div> <div>Zero Preferred</div> |
| <div></div> <div>Mortised. Intumescent fire protection.</div> <div><div>Finishes:</div><div>Clear anodized aluminum</div></div> <div><div>Option:</div><div>Z49, PL</div></div> <div><div>Certifications:</div><div></div></div> | <div></div> <div>Surface-mounted application. Intumescent fire protection.</div> <div><div>Finishes:</div><div>Clear anodized aluminum; Black anodized aluminum; Dark bronze anodized aluminum; Gold anodized aluminum</div></div> <div><div>Option:</div><div>LK, PL, SEC</div></div> <div><div>Certifications:</div><div></div></div> |

Solutions and Specialty Products

Sound Control Solutions

Zero's sound control solutions are designed to reduce noise transmission between spaces, ensuring privacy and acoustic comfort. These products are ideal for environments such as theaters, recording studios, conference rooms, and hotels, where soundproofing is critical. Sound control options include acoustic seals, thresholds, and gasketing systems that block airborne noise and vibrations. With superior performance and easy installation, these solutions help create quieter, more comfortable spaces while meeting acoustic standards.

Specialty Applications

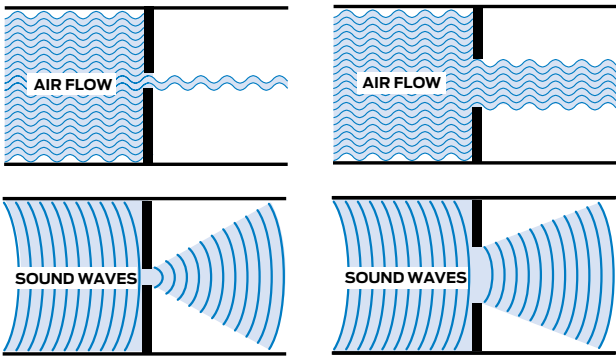
Sound Control Solutions

Zero's sound trap sound control systems are solving sound problems in all types of facilities—including performing arts centers, recording studios, commercial offices, hospitals, schools, churches, hotels and apartment buildings, as well as industrial plants, embassies and government buildings.

Adjustable Gasketing: Key to Our Success

Nobody does sound control better than Zero. Our sound seals and systems are built to withstand the stress of the installation process and perform reliably. We use advanced technology to master two critical challenges: creating an effective sound barrier at the perimeter of the door and preventing gaps in that barrier for the life of the assembly.

Gaps in sound barriers are a major problem because sound travels through any opening with very little loss. While the amount of air flowing through a gap increases in proportion with the size of the gap, the size of the gap in a sound barrier does not matter. A small hole transmits almost as much sound as a much larger gap.



Because of this phenomenon, any unsealed gaps effectively cancel out the noise reduction benefits of even the highest-rated sound doors. To be effective, acoustical door assemblies require gasketing that provides a **complete, uninterrupted and air-tight** seal around head, jamb and sill. If all sides of the door are not sealed, the gasketing used will provide little or no sound-control value.

Imperfect alignment is a common cause of gaps even in newly installed gasketing. Problems can also surface later on as buildings shift and settle and doors cycle through changes in temperature and humidity. Zero solves the problem efficiently with adjustable gasketing.

Models such as the **770 adjustable jamb-applied gasket** are designed to perform consistently over time. When clearances increase, a few turns of a screwdriver is all it takes to restore a sound-tight seal.

Proven Solutions for Sealing the Gaps

Our featured sound trap gasketing systems can satisfy a wide range of commercial and industrial sound-control applications for single swinging doors—as well as provide privacy behind double doors for typical office applications.

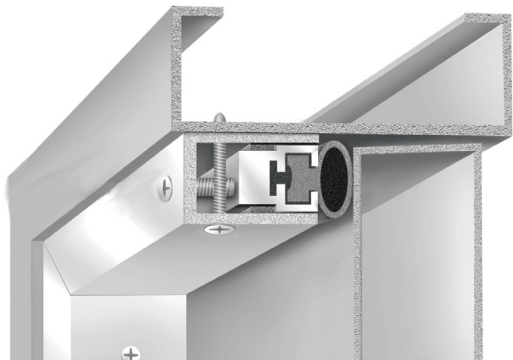
| Sound Transmission Class (STC) Table | | |
|--------------------------------------|-------------|--|
| STC | Performance | Description |
| 50 - 60 | Excellent | Loud sounds heard faintly or not at all |
| 40 - 50 | Very Good | Loud speech heard faintly but not understood |
| 35 - 40 | Good | Loud speech heard but hardly intelligible |
| 30 - 35 | Fair | Loud speech understood fairly well |
| 25 - 30 | Poor | Normal speech understood easily and distinctly |
| 20 - 25 | Very Poor | Low speech audible |

Sound Transmission Class (STC) ratings indicate the ability to prevent the transfer of sound from one area to another. For example, 12 inches of reinforced concrete would be rated at 56 STC, while 1/4" plate glass is 26 STC.

Zero Sound Trap Systems High Level Rating

| Gasketing System | Head and Jamb | Threshold | Door Bottom | STC Rating |
|------------------|----------------|-----------|-------------|------------|
| STC 1 | 3708 and 119WB | 564B | 367 | 53 STC |
| STC 2 | 770 and 119WB | 564B | 367 | 52 STC |
| STC 3 | 770 and 119WB | 656B | 367 | 51 STC |
| STC 4 | 170 and 119WB | 564B | 367 | 51 STC |
| STC 5 | 485 and 119WB | 565B | 361 | 49 STC |
| STC 6 | 870 and 119WB | 564B | 365 | 49 STC |

All systems tested with STC 55 Doors (rated as panels).



The integrity of the system, properly installed, is essential to its sound rating. Zero guarantees the performance of sound trap systems in rated assemblies provided that other manufacturers' gasketing products are not combined with Zero components.

Specialty Applications

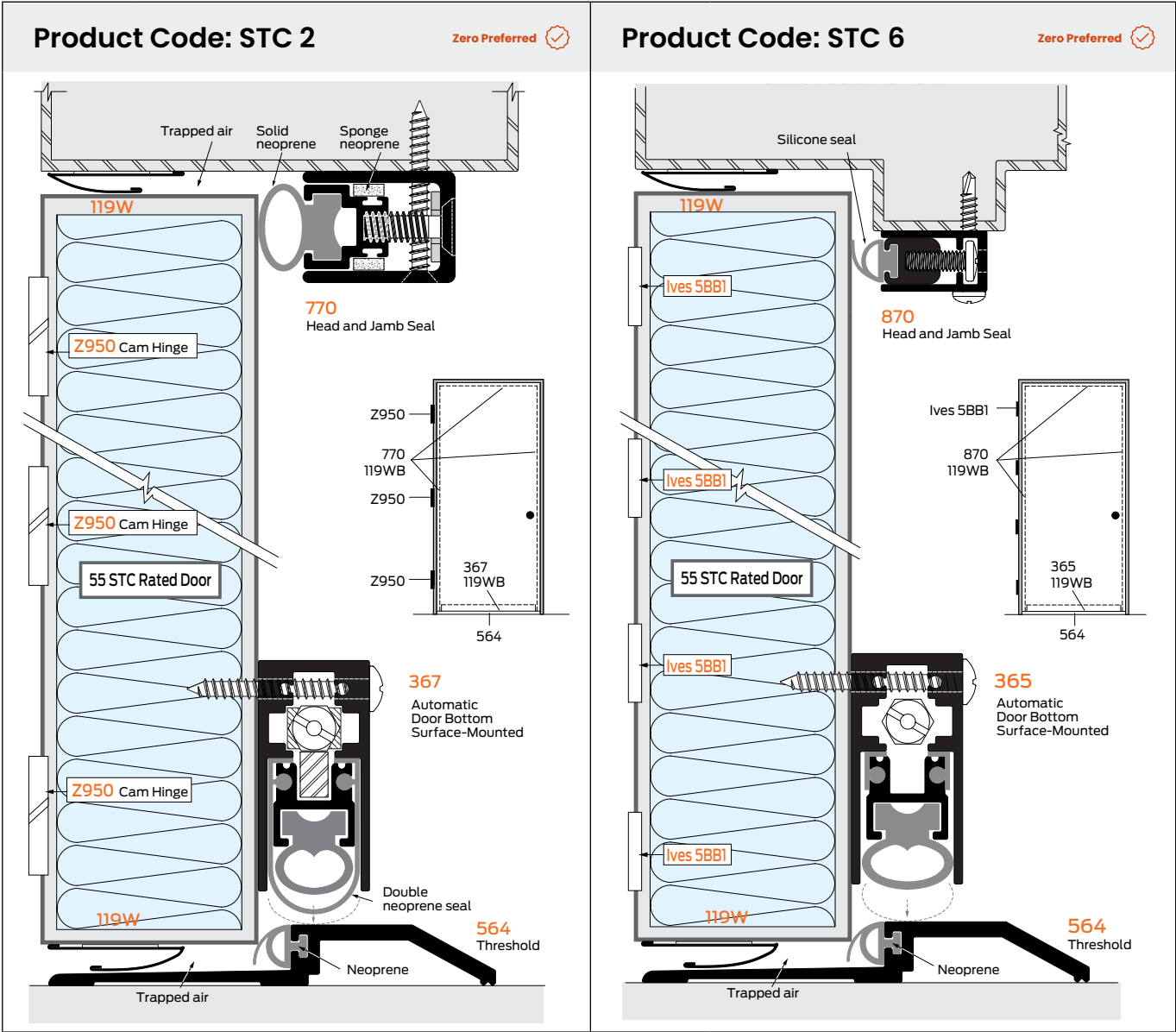
Sound Control Solutions – Single Door

Sound Trap 52 STC Sealing System

Our sound trap 52 STC rated systems are designed for use with sound-rated single metal doors with a cased-opening frame. They provide an STC 52 rating when properly fitted with STC 55 or higher acoustical doors. That level of sound control means loud sounds will be heard only faintly, or not at all, on the opposite side of the door, which satisfies the typical needs of recording studios and performance halls. It is also suitable for office buildings and other commercial facilities that need to mute very loud noise originating from outside, such as the sound of aircraft overhead or heavy traffic nearby, as well as interior equipment noise. A metal frame **without a stop** is recommended in order to use the Model #770 adjustable head and jamb seal, which is an important component in this system.

Sound Trap 49 STC Sealing System

Sound trap 49 STC rated systems for single doors feature several alternative head and jamb seals designed for use with frame stops. The 49 STC value they provide means that loud speech will be heard only faintly and cannot be understood on the opposite side of the door. That level of acoustic performance provides very good sound control suitable for a variety of applications ranging from busy schools to multi-family residential buildings and any settings requiring private conversations, such as doctors' offices, counseling centers and churches. A metal frame **with a stop** is recommended.

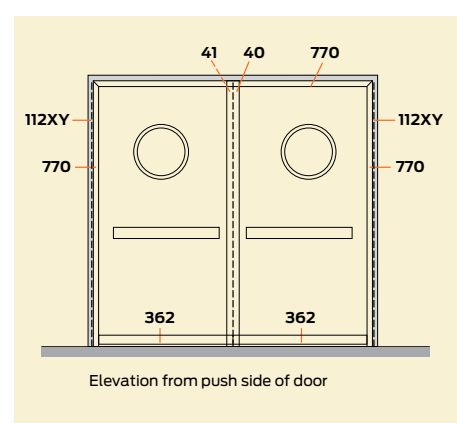
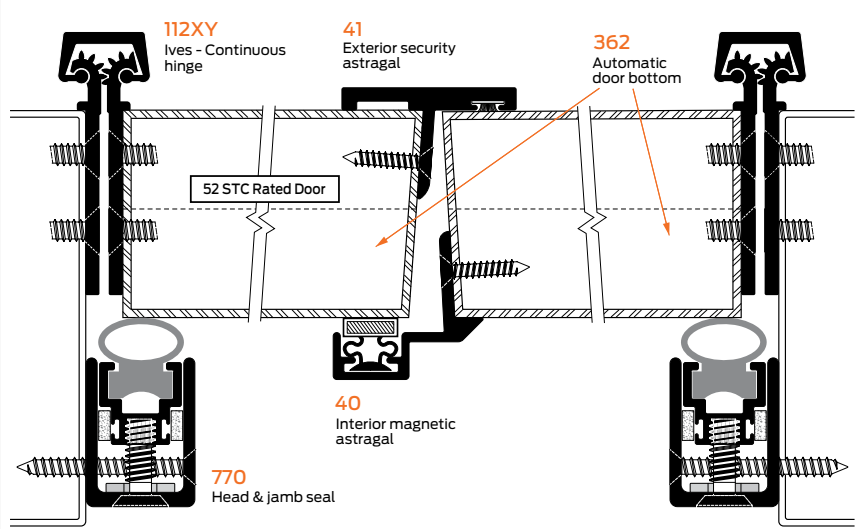


Specialty Applications

Sound Control Solutions – Pairs Systems

Heavy Duty Door Pair Solution

Zero Preferred

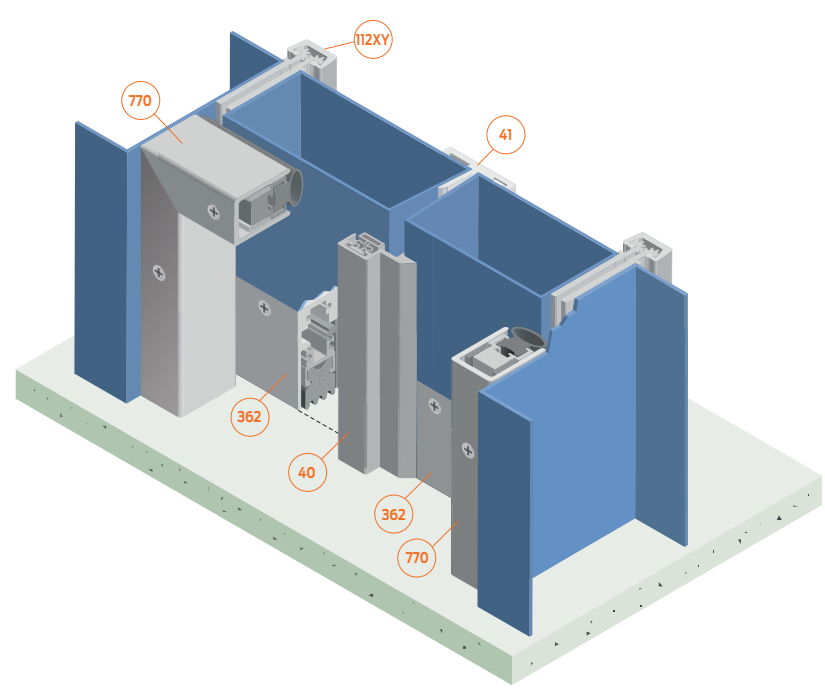


Sound Trap System JD6S

Pairs of doors pose additional challenges for sound control because there are more openings to seal. The need for a meeting stile means there will always be relatively more sound leakage through pair assemblies than with single doors. Properly fitted with STC 52 or higher acoustical doors, Zero's **sound trap-pairs** system for metal doors achieves an office-friendly estimated STC rating of 41 with an optimal configuration that balances those limitations with appropriate, cost-effective technology.

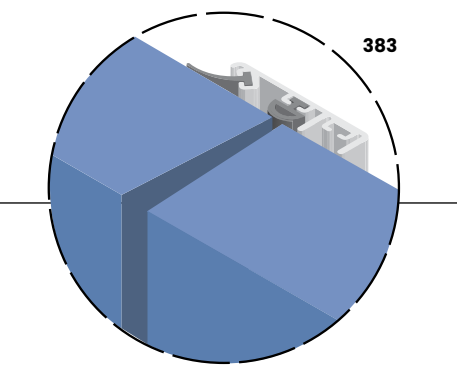
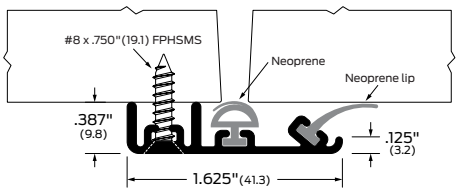
JD6S

Zero Preferred



Alternative Seal Option to 40/41

For a pairs configuration with suitable wood doors, you need Model #383 astragals for the meeting stile. #383 provides three sets of seals to block sound: the neoprene bulb with extra "lip" of neoprene in the primary seal at the meeting edge, plus another neoprene "finger" for added sound cushioning against the active door.



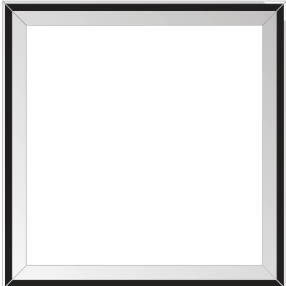
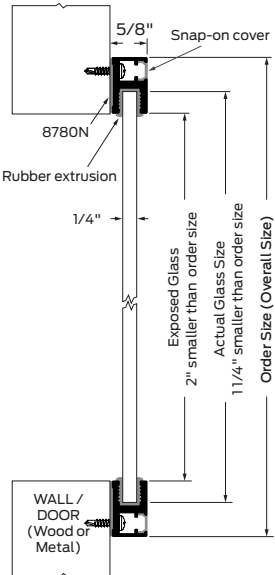
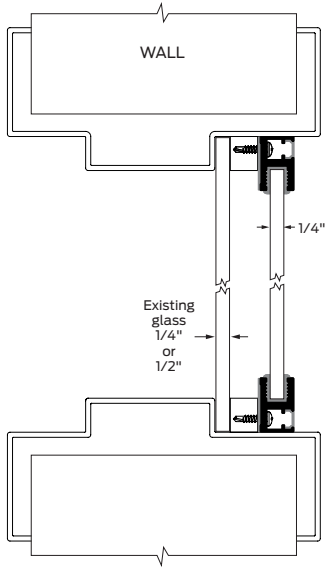
Specialty Applications

Sound Control Solutions

8880 – Vision Lite for Doors, Walls and Acoustical Windows

To increase sound rating for doors, walls and acoustical windows of any thickness. Used with 1/4" thick glass. (Glass sold separately). Aluminum extrusion frame with concealed screws. Supplied with factory mitered corners.

8880
Zero Preferred

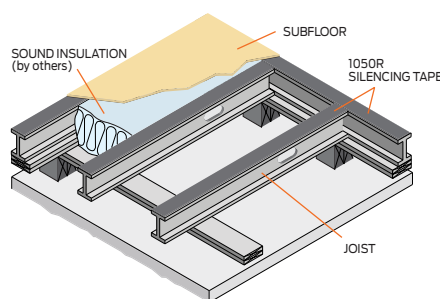
Application on door
Surface mounted.

Application on window
Surface mounted on any edge of window frames.

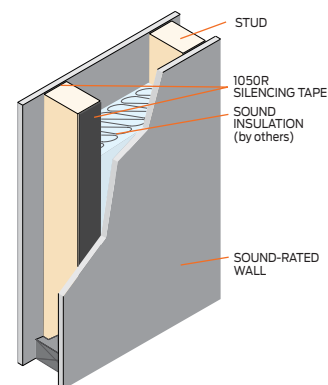
Finishes:
Aluminum black anodized; Aluminum clear anodized; Aluminum dark bronze anodized; Aluminum gold anodized

Structural Acoustics – Floors and Walls

Sound-damping materials and products used to isolate or insulate structural elements in floors and walls perform a vital role in reducing vibrations to minimize sound transmission.



Application on floor joists

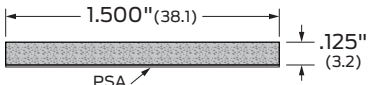


Application on floor joists

Structural Silencing Tape 1050R

- Extruded low-density, high-elasticity neoprene rubber, self-adhesive one side.
- Absorbs and dampens vibrations.
- Designed for application to floor joists and wall studs and install as usual.
- Supplied in 75-foot coils.

1050R
Zero Preferred



Finishes:
Gray

Specialty Applications

Sound Control Solutions

Zero has designed and tested its systems against air, light, smoke, fire and sound to demonstrate the effectiveness of these products and materials. By specifying a complete “Control System,” you are assured that the components installed for head, jamb and sill will perform properly together. All tests were performed in accordance with nationally accepted standards by independent laboratories.

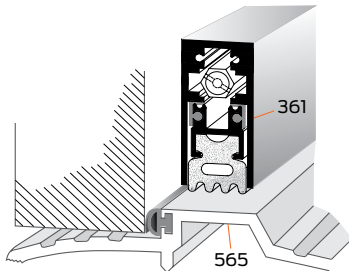
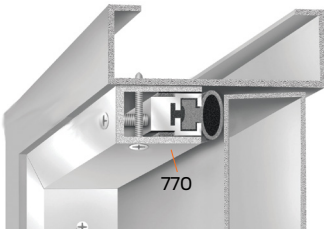
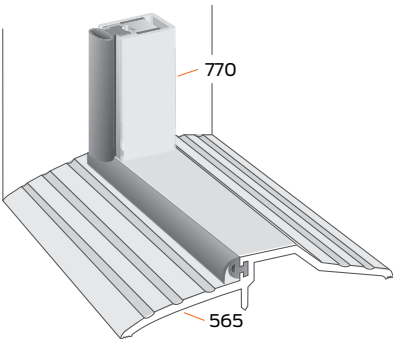
| (((o))) Sound – Single Doors | | | | | | |
|------------------------------|-------------|--------------|--------------|-------------|-----------|-----|
| System No. | Door Rating | Type of Door | Head & Jamb | Door Bottom | Threshold | STC |
| STC1 | 55 | Metal | 3708 + 119WB | 367 | 564B | 53 |
| STC2 | 55 | Metal | 770 + 119WB | 367 | 564B | 52 |
| STC3 | 55 | Metal | 770 + 119WB | 367 | 656B | 51 |
| STC4 | 55 | Metal | 170 + 119WB | 367 | 564B | 51 |
| STC5 | 55 | Metal | 485 + 119WB | 361 | 565B | 49 |
| 1T | 52 | Metal | 770 | 367 | 564A | 47 |
| 2T | 52 | Metal | 870 | 361 | 565 | 44 |
| 2U | 52 | Metal | 485 | 361 | 565 | 44 |
| 1R | 51 | Metal | 770 | 361 | 565 | 44 |
| 4R | 51 | Metal | 370 | 361 | 565 | 43 |
| 5S | 52 | Metal | 328 | 361 | 565 | 42 |
| 5T | 52 | Metal | 312 | 351 | 564 | 42 |
| SU299 | 38 | Wood | 188S | None | 564A | 37 |
| TR298 | 35 | Wood | 8144FS | 253 | 1685R | 35 |
| LG302 | 36 | Wood | 188S | 369 | None | 35 |

| (((o))) Sound – Double Doors | | | | | | |
|------------------------------|-------------|--------------|-------------|-------------|----------------|-----|
| System No. | Door rating | Type of Door | Head & Jamb | Door Bottom | Meeting Stiles | STC |
| RMI | 48 | Metal | 770 | 367 | 383/139/118B | 47 |
| JD6S | | Metal | 770 | 362 | 40 | 41 |
| JD8S | | Metal | 475 | 362 | 156/56 | 36 |
| AT4 | 37 | Metal | 188/119WB | 564 | 383 | 36 |
| AT5 | 37 | Metal | 485/119WB | 564 | 383 | 35 |
| AT7 | 37 | Metal | 485/119WB | 839/544 | 383 | 35 |

Applications

All types of openings with a sound-reduction requirement, including:

- High-performance sound blocking, such as recording and broadcast studios, theaters and concert halls, commercial industrial factories.
- Privacy and security needs, such as doctors’ offices, corporate offices, school counseling offices, embassies and military.



Solutions and Specialty Products

Cam Lift Full Mortise Hinges

Cam lift full mortise hinges are designed to lift the door slightly as it opens, reducing friction and extending the life of thresholds, seals, and door hardware. These hinges are ideal for heavy-duty applications, such as industrial facilities, institutional buildings, and high-traffic environments. By minimizing wear and tear, cam lift hinges enhance the performance of doors and seals, ensuring smooth operation and long-term durability. They are also compatible with ADA-compliant solutions, making them a versatile choice for accessibility-focused projects.

Specialty Applications

Cam Lift Full Mortise Hinges

Mortise-type cam hinges for use with sound-insulating doors utilizing acoustical seals. The cam action greatly improves the sealing characteristics along the door perimeter, lifting and lowering the door with the swing.

Available for right or left-hand swinging doors. Cam lift hinges will not bind door closures when doors are hung within accepted industry standards. (Tested with LCN® 4041 Series original).

| Part # | Door Rating (1 1/2 pairs) | Screw Size (Metal Doors) | Lift (180° Opening) |
|--------|------------------------------|--------------------------|---------------------|
| Z955 | Up to 200 lbs. | 12-24 x 3/4" UC | 3/16" |
| Z953 | Up to 300 lbs. | 12-24 x 3/4" | 1/4" |
| Z950 | Up to 500 lbs. | 12-24 x 3/4" | 5/16" |
| Z9500 | Up to 900 lbs. | 5/16-18 x 3/4" | 5/16" |



Z7250ST
12-24 x 3/4"



Z7255ST
12-24 x 3/4" UC



Z7252ST
5/16-18 x 3/4"

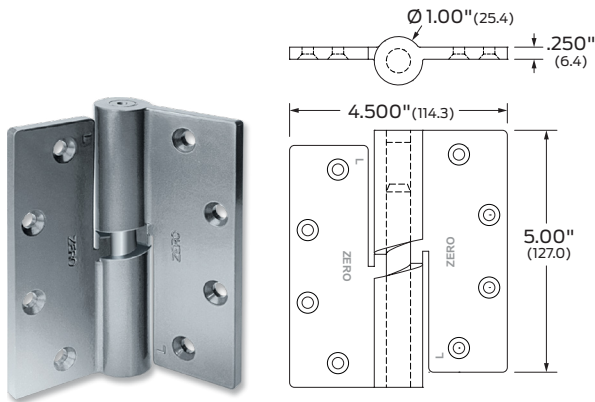


Z7251ST
12 x 1 1/4" SMS

| | |
|-----------|---|
| Hinge | Stainless steel US304 |
| Pin | Stainless steel 420 J2 |
| Type | Mortise/handed - specify right or left hand |
| Clearance | Minimum clearance at head of frame is 3/16". For doors greater than 1-3/4" clearance is 1/4" |
| Finish | 630 (US32D) |
| Note | For Z950 and Z9500 screws must be engaged no less than .350" in ASTM A-36 steel reinforcement |

Z950

Zero Preferred ✓



Z950 L

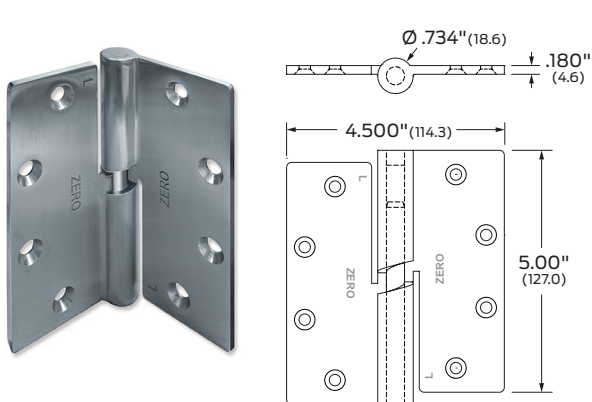
Finishes:
630 (US32D)

Option:
L- Left Hand
R- Right Hand

Certifications:
10C

Z953

Zero Preferred ✓



Z953 L


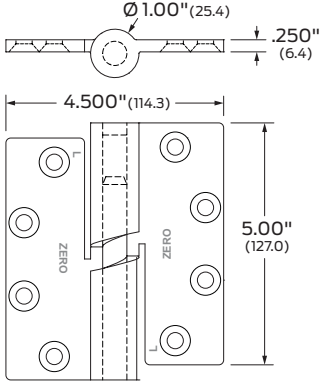

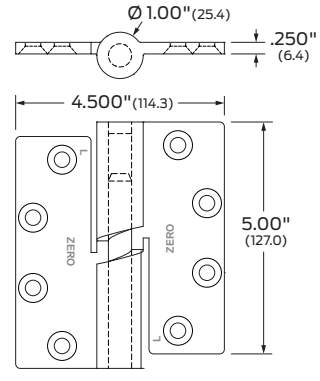
Finishes:
630 (US32D)

Option:
L- Left Hand
R- Right Hand

Certifications:
10C

Specialty Applications

Cam Lift Full Mortise Hinges

| | |
|---|--|
| <div> <div>Z9500</div> <div>Zero Preferred</div> </div> <div>   </div> <div> <div>Z9500 L</div> <div> <div>Finishes:</div> <div>630 (US32D)</div> </div> <div> <div>Option:</div> <div>L- Left Hand</div> <div>R- Right Hand</div> </div> <div> <div>Certifications:</div> <div>10C</div> </div> </div> | <div> <div>Z955</div> <div>Zero Preferred</div> </div> <div>   </div> <div> <div>Z955 L</div> <div> <div>Finishes:</div> <div>630 (US32D)</div> </div> <div> <div>Option:</div> <div>L- Left Hand</div> <div>R- Right Hand</div> </div> <div> <div>Certifications:</div> <div>10C</div> </div> </div> |
|---|--|

Solutions and Specialty Products

Finger Guards

Finger guards are safety products designed to prevent hand and finger injuries by covering the gap between the door and frame. These guards are especially important in environments like schools, daycare centers, and healthcare facilities, where children or vulnerable individuals may be at risk of injury. Zero's finger guards are durable, easy to install, and provide an added layer of safety without compromising door functionality or aesthetics.

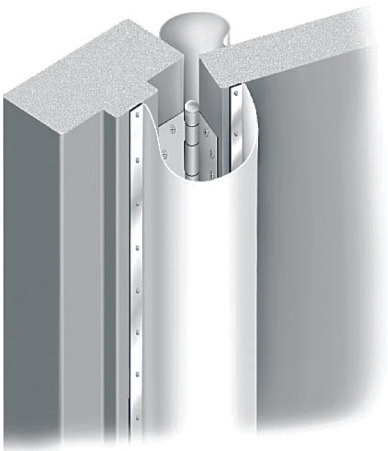
Specialty Applications

Finger Guards

Hand and finger protection for heavy-duty industrial applications, child care, school safety, hospitals, and workplaces.

A commercial-quality, maintenance-free product. Aluminum and flexible rubber available in grey color.

- 51A-90 (6.5" wide):** For door opening up to 90°
- 51A-180 (8.5" wide):** For door opening up to 180°
- 951:** Cover for mortise type hinges



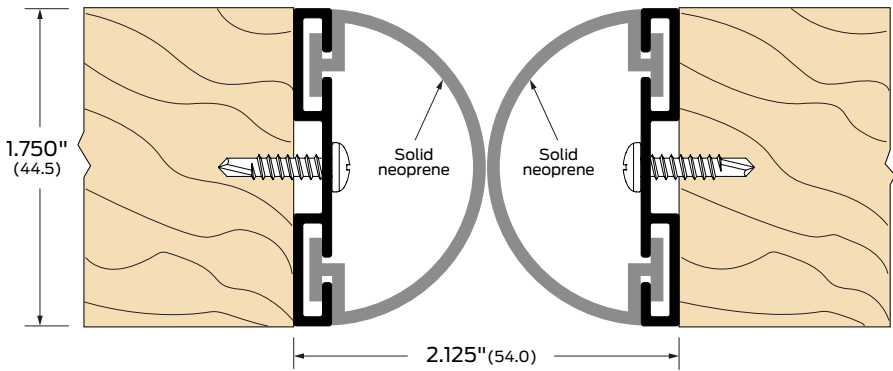
| | |
|---|---|
| <div>51</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div></div> </div> <div> <div>Opening Degree:</div> <div>90, 180</div> </div> | <div>951</div> <div>Zero Preferred</div> <div> <div>Finishes:</div> <div>Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized</div> </div> <div> <div>Option:</div> <div>SEC</div> </div> <div> <div>Certifications:</div> <div></div> </div> <div> <div>Opening Degree:</div> <div></div> </div> |
|---|---|

Specialty Applications

Finger Guards

72

Zero Preferred 



Finishes:
Aluminum mill finish

Option:
SEC

Certifications:
N/A

Solutions and Specialty Products

ADA Access Systems – Safety Products

Zero's ADA-compliant access systems include ramps, low-profile thresholds, and other safety products designed to ensure barrier-free access for all users. These solutions meet ADA standards, making them ideal for public buildings, healthcare facilities, and commercial spaces. In addition to improving accessibility, these products enhance safety by reducing trip hazards and providing smooth transitions for wheelchairs, walkers, and strollers.

Specialty Applications

ADA Access Systems – Safety Products

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Zero's ADA Access Systems help solve the challenge of meeting the American Disability Act Requirements for access into public buildings. The components work together to minimize required door-opening and closing force and to meet threshold height requirements, and fully satisfy the ANSI, ADA standards.

American National Standard Institute (ANSI), American With Disabilities Act (ADA), ICC/ANSI A117.1-217

Requirements are as follows:

- 1) Fire doors shall have the minimum opening force allowable by the appropriate administrative authority. Other doors:
 - (a) Interior hinged doors: 5 lbf (22.2N)
 - (b) Sliding or folding doors: 5 lbf (22.2N)
 These forces do not apply to the force required to retract latch bolts or disengage other devices that may hold the door in a closed position.
- 2) Thresholds at doorways shall be 1/2" (13 mm) high maximum for other types of doors. Changes in level of 1/4" (6mm) high maximum shall be permitted to be vertical. Changes in level between 1/4" (6mm) high minimum and 1/2" (13mm) high maximum shall be beveled with a slope not steeper than 1:2.

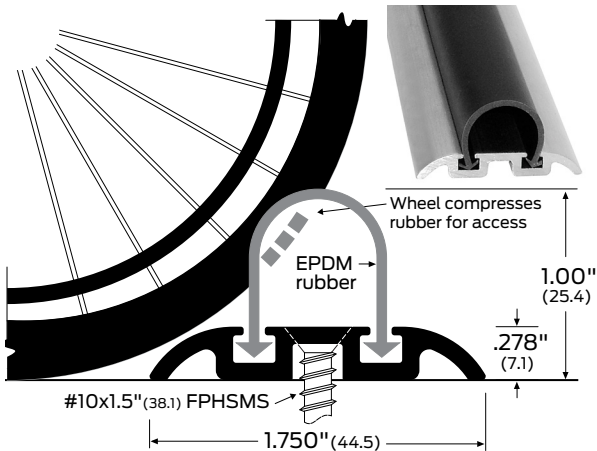
“Light Spring” “LS” Automatic Door Bottoms for ADA Approved Doors

350LS, 351LS, 364LS, 365LS, 366LS “LS” models require lower operating force. “LS” models are suitable for both sliding doors and swinging doors. Outside dimensions are unchanged from standard products.

| Test Door: 36" X 84" x 1-3/4" | | | |
|-------------------------------|--|----------------------|----------------------|
| Test Results | | Opening Force (lbs.) | Closing Force (lbs.) |
| Test 1 | 475 Head and Jamb | 1.75 | 7.90 |
| Test 2 | 475 Head and Jamb 365LS Automatic Door Bottom | 1.90 | 9.05 |
| Test 3 | Closing force with no seals | - | 6.75 |

8452 Wheelchair Accessible Shower Threshold

Zero Preferred

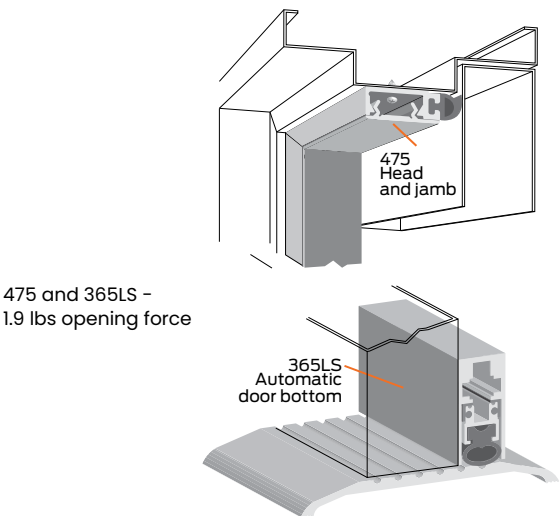


Designed for use when a shower must be accessible to a wheelchair. The rubber gasket keeps water in while allowing the wheel to pass over easily

Finishes:
Aluminum mill finish; Aluminum black anodized; Aluminum dark bronze anodized; Aluminum gold anodized; Bronze, architectural mill finish; Oil-rubbed bronze

System ADA 1000

Zero Preferred



Solutions and Specialty Products

Floor Barrier Shield

The floor barrier shield is a specialized solution designed to protect interior spaces from moisture, debris, and other environmental elements. These shields are typically used in entryways, warehouses, and industrial facilities to create a durable barrier that prevents unwanted infiltration. Zero's floor barrier shields are engineered for heavy-duty use, offering long-lasting protection and easy maintenance.

Specialty Applications

Flood Barrier Shield

Flood Barrier Shield for Doors Helps Safeguard Building Contents

This removable barrier answers pleas from builders for help in protecting doors and building contents from water ingress in flood-prone areas. When water from heavy rain accumulates, the **Flood barrier shield** effectively blocks up to a foot or more of flood waters from permeating door or window openings.

Available in 10, 12, 20, 24, 30 and 36 inch high barriers (other sizes available upon request), the lightweight aluminum shield requires no tools for insertion into premounted vertical channels attached to either the door frame or adjacent walls. Widths up to 36" standard. Widths greater than 36" available as an engineering special.

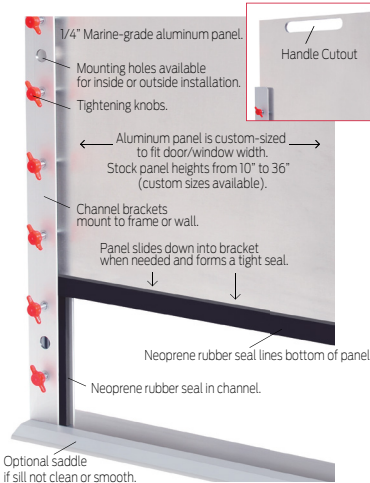
The unit complies with guidelines of the Federal Emergency Management Agency (FEMA) and Federal Insurance Administration (FIA) for use on doors in flood-prone areas.

The key to the shield's impermeability is the use of closed cell sponge (CCS) neoprene rubber engineered by Zero to ensure a water-tight seal. The rubber lines the aluminum channel brackets and the bottom of the shield. The neoprene also compensates for gaps at the threshold.

Note: Aluminum panel insert is supplied 7/16" shorter than order width

| Flood Barrier Shield for Doors | |
|--------------------------------|----------|
| 2070A - 10 | 10" high |
| 2070A - 20 | 20" high |
| 2070A - 24 | 24" high |
| 2070A - 30 | 30" high |
| 2070A - 36 | 36" high |

Each flood barrier shield is custom fabricated.
Specify exact width needed and installation option required.



Specialty Applications

Floor Barrier Shield

| | |
|--|--|
| <div>2070 (Inside Mount)<div>Zero Preferred</div></div> <div><p>Installation option - inside mount</p></div> | <div>2070 (Outside Mount)<div>Zero Preferred</div></div> <div><p>Installation option - outside mount</p></div> |
| <div>2070 (Outside Mount)<div>Zero Preferred</div></div> <div><p>SECTION A-A</p><p>Installation option - outside mount</p></div> | |

Solutions and Specialty Products

Sliding and Pocket Doors

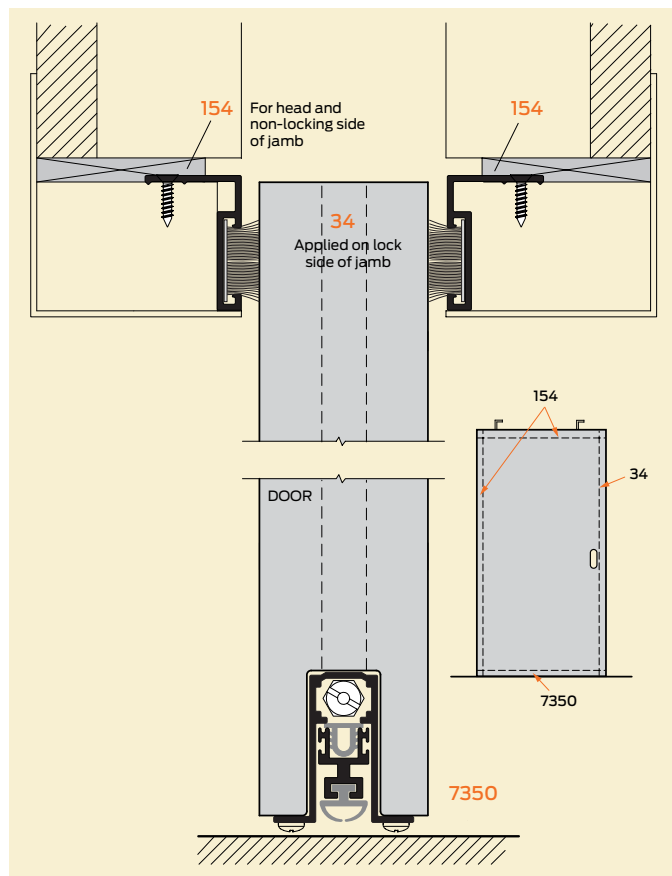
Zero offers specialty sealing solutions for sliding and pocket doors, which often have unique movement and space constraints. These products provide effective sound, air, and light sealing without hindering the door's operation. Sliding and pocket door solutions are ideal for residential, hospitality, and commercial applications where space-saving designs are prioritized. Zero's innovative designs ensure smooth functionality and reliable sealing for these types of doors.

Specialty Applications

Sliding and Pocket Doors

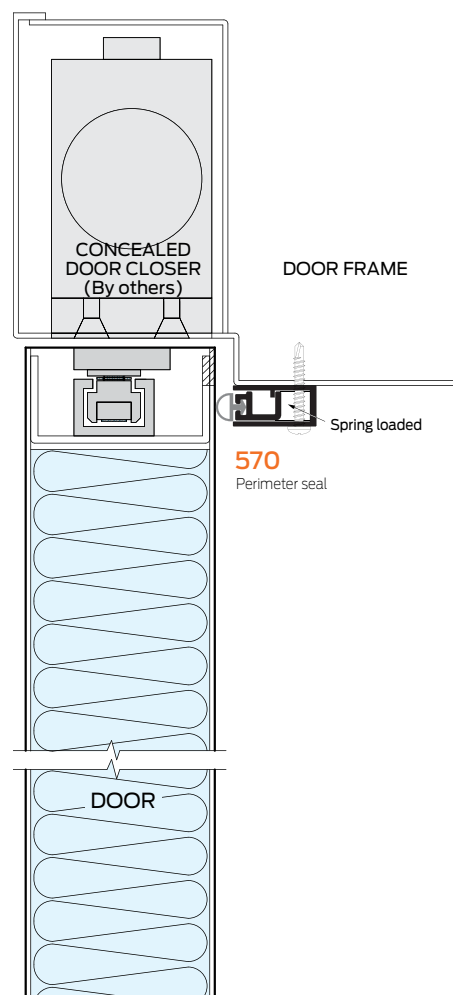
Gasketing for Sliding and Pocket Doors

Zero Preferred ✓



Gasketing for Latching Pocket Doors

Zero Preferred ✓

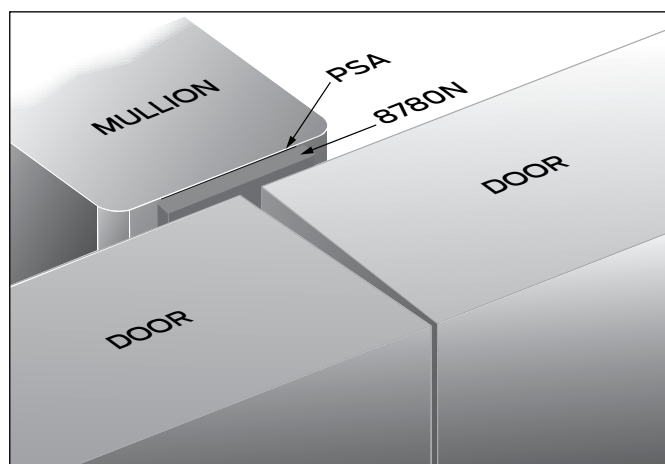
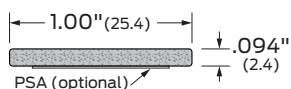


Seal for Mullion Application

The new 8780 is a closed cell sponge neoprene strip 1" (25.4) wide x 3/32" (2.4) thick with self-adhesive tape for mounting directly to the face of the mullion at point of contact with closed doors.

8780N

Zero Preferred ✓



Solutions and Specialty Products

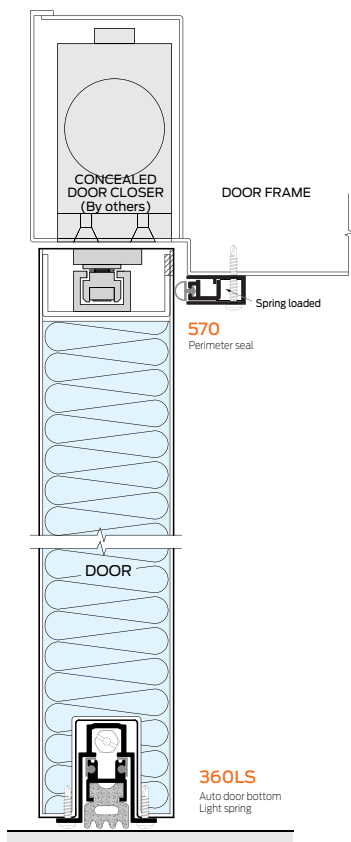
Heavy-Duty Overhead Doors

Heavy-duty overhead doors require robust sealing solutions to protect against air, water, and debris infiltration in industrial and commercial environments. Zero's products for overhead doors include durable gasketing systems, thresholds, and seals that withstand the demands of high-traffic and heavy-use applications. These solutions enhance energy efficiency, improve environmental protection, and ensure long-term reliability in warehouses, factories, and other industrial settings.

Specialty Applications

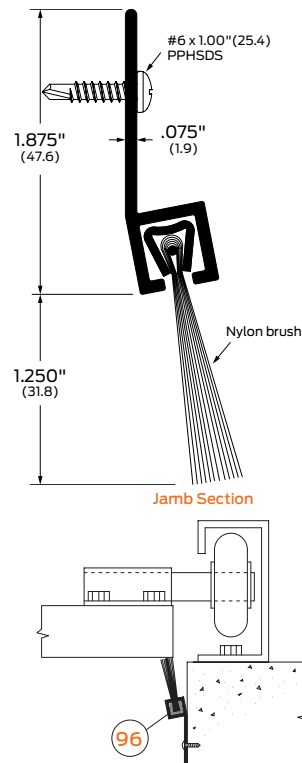
Heavy-Duty Overhead Doors

Gasketing for Non-Latching Doors



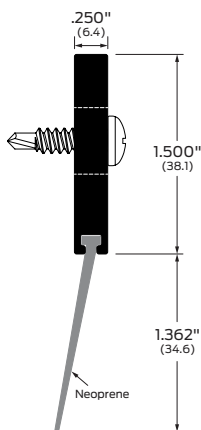
96

Zero Preferred



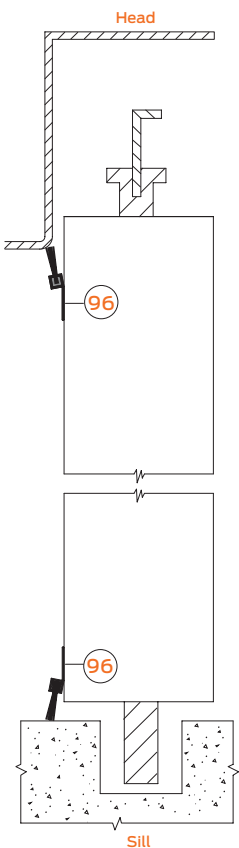
95

Zero Preferred



96

Zero Preferred



Specialty Applications

Heavy-Duty Overhead Doors

| | |
|--|--|
| <div>93</div> <div>Zero Preferred</div> <p>#10x1.50" (38.1) FPHSMS</p> <p>.375" (9.5)</p> <p>.250" (6.4)</p> <p>1.125" (28.6)</p> <p>3.00" (76.2)</p> <p>.187" (4.7) Neoprene</p> <p>3/16" thick extreme temperature neoprene looped as shown (Government specification R-6855, Class II, Grade 40.)</p> | <div>Intermediate Stile Solution</div> <div>Zero Preferred</div> <p>Max 2.00" (50.8)</p> |
| <div>8047R</div> <div>Zero Preferred</div> <p>DOOR</p> <p>1.250" (31.8)</p> <p>.375" (9.5)</p> <p>.156" (4.0)</p> <p>.875" (22.2)</p> <p>Neoprene</p> <p>For overhead doors</p> | |

Solutions and Specialty Products

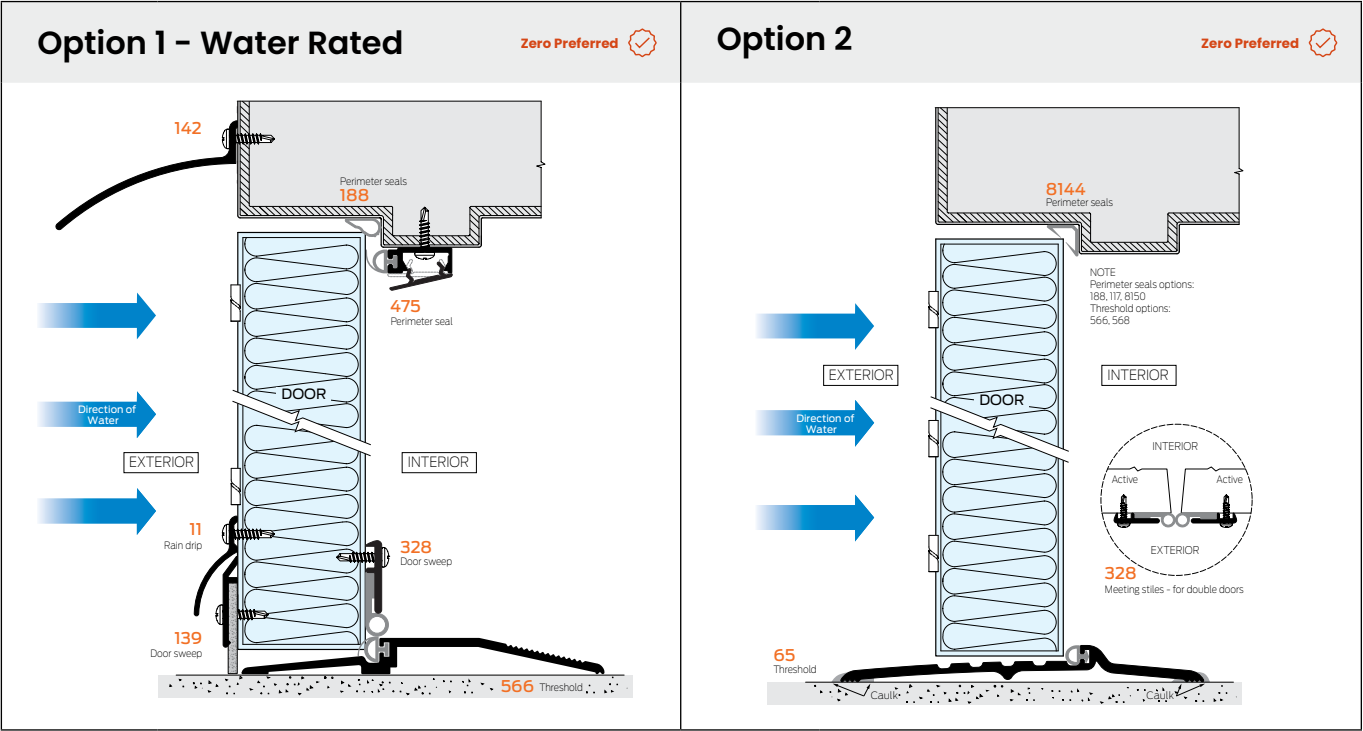
Hurricane Protection Wind-Driven Water Infiltration*

Zero's hurricane protection solutions are engineered to meet the rigorous requirements of regions prone to extreme weather, such as Dade County, Florida. These products protect against wind-driven rain, water infiltration, and high-impact forces, ensuring compliance with local building codes. Ideal for coastal buildings, storm shelters, and hurricane-prone areas, these solutions provide critical protection and peace of mind during severe weather events.

*Dade County, Florida

Specialty Applications

Hurricane Protection Wind-Driven Water Infiltration*



*Dade County, Florida

Specialty Applications

Hurricane Protection Wind-Driven Water Infiltration

“Safe Haven” Room Gasketing and Areas of Rescue Assistance

Air Infiltration – 110 MPH (165KM/H) Wind Velocity – Air Leakage 0.56 CFM (2.8CMH)

Option 1

Zero Preferred

119WB

Z955 Hinge

475 Perimeter seal

DOOR

Z955 Hinge

321 Auto door bottom

Z955 Hinge

119WB

564 Threshold

Evaluated in accordance with ASTM E28

Certifications:

Option 2

Zero Preferred

119WB

Z955 Hinge

870 Perimeter seal Adjustable

DOOR

Z955 Hinge

321 Auto door bottom

Z955 Hinge

119WB

564 Threshold

Evaluated in accordance with ASTM E28

Certifications:

Solutions and Specialty Products

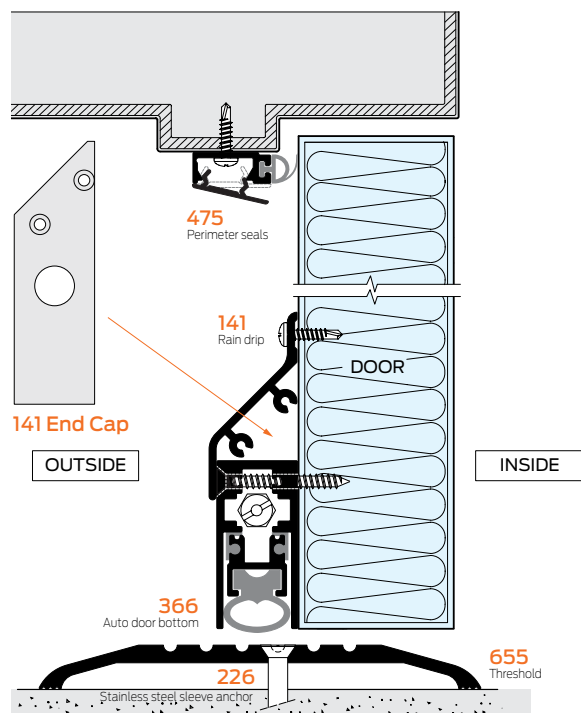
Solution Set for Common Applications

Zero's gasketing products are designed for a wide range of standard applications, including residential, commercial, and institutional environments. These include door sweeps, door shoes, head and jamb gasketing, and astragals, which seal gaps around doors to prevent air, sound, moisture, and debris infiltration. With options for light, medium, and heavy-duty use, Zero's gasketing solutions offer reliable performance for virtually any project, ensuring energy efficiency, comfort, and durability.

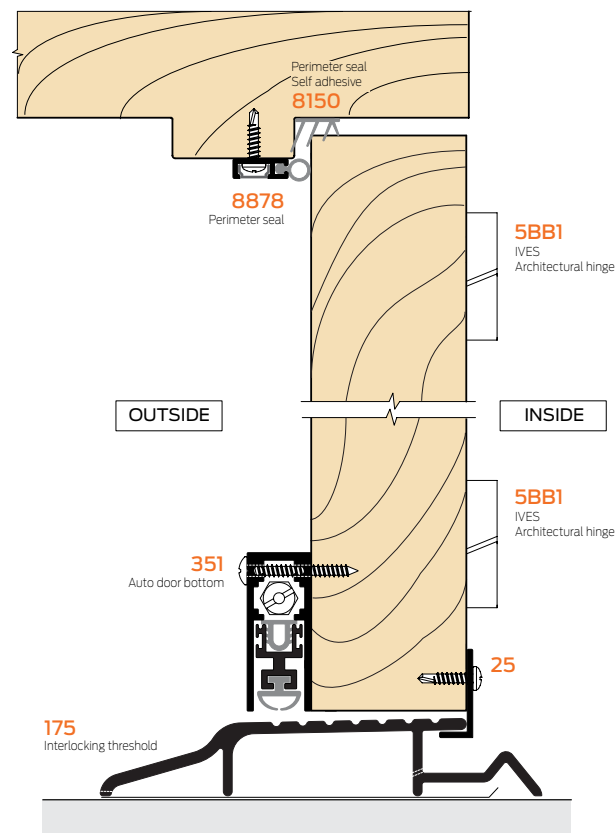
Specialty Applications

Solution Set for Common Applications

Typical Gasketing for Exterior Inswing Door



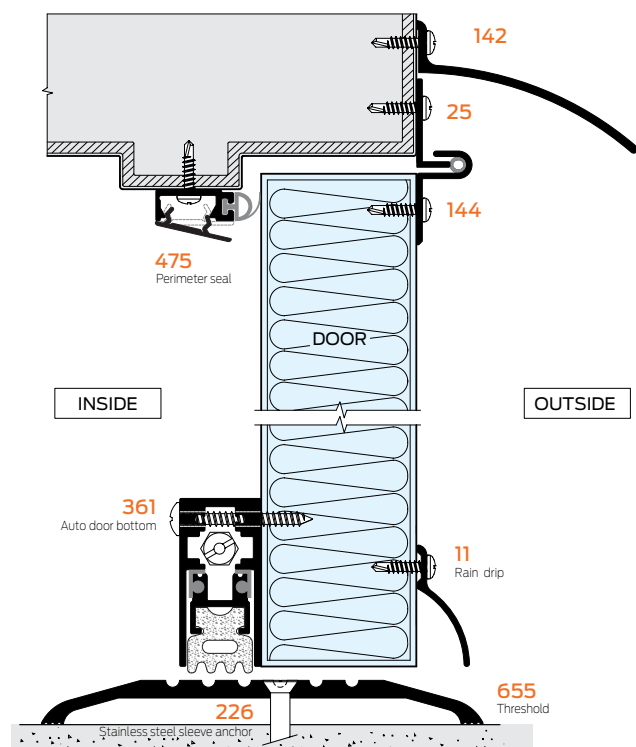
Typical Gasketing for Residential



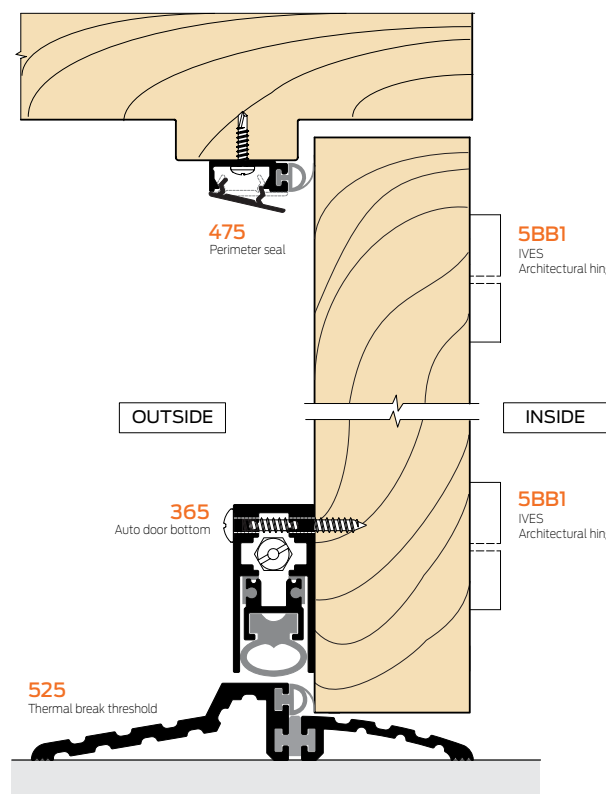
Specialty Applications

Solution Set for Common Applications

Typical Gasketing for Exterior Outswing Door



Cold Weather Solution



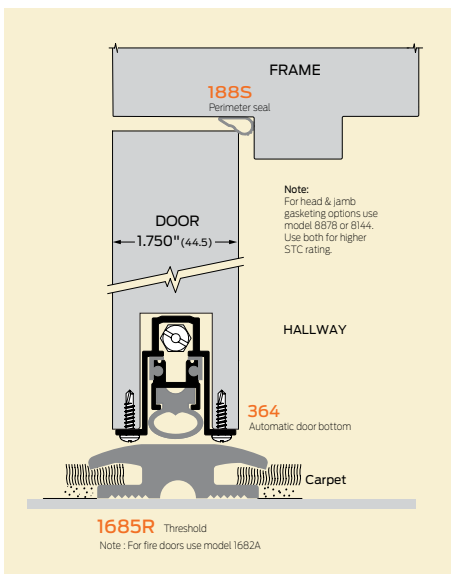
Specialty Applications

Solution Set for Common Applications

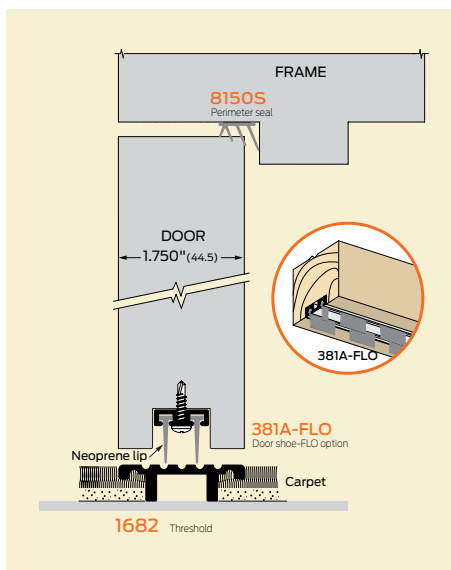
Hotel Gasketing Solutions



Interior Entry Doors - Option 1



Communicating Doors - New Construction

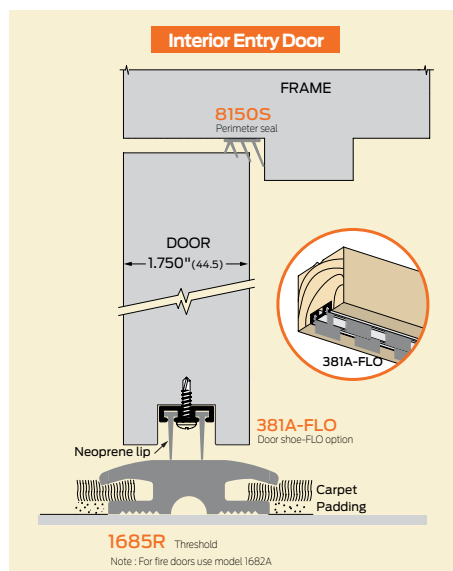


Specialty Applications

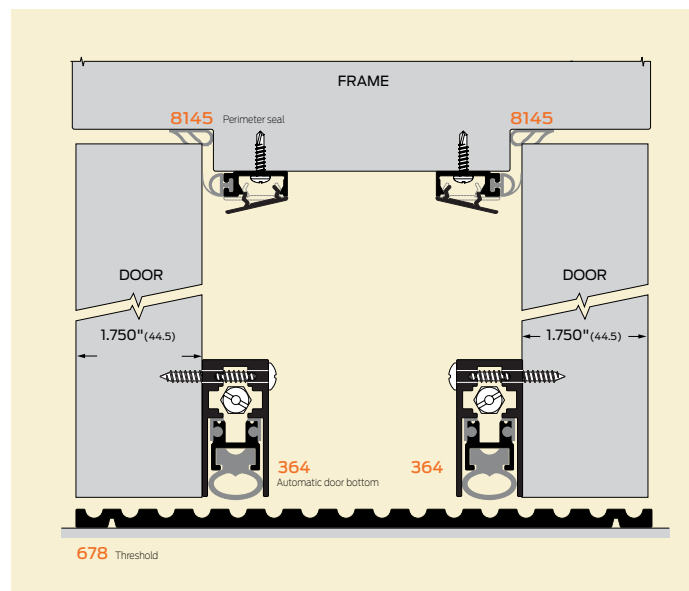
Solution Set for Common Applications

Hotel Gasketing Solutions

Interior Entry Doors – Option 2



Communicating Doors – Aftermarket



Specialty Applications

Air Control Systems

Air Infiltration for Smoke Doors, Outside Doors, Air Lock Doors, Air Tight Doors

Air Flow Pressure Applied to a Door as Listed Per Testing Standards

| | | |
|----------------------|---------|--------------|
| .10 inches of water | 24.90Pa | 15 Miles/Hr |
| .30 inches of water | 76.00Pa | 25 Miles/Hr |
| .60 inches of water | 150Pa | 35 Miles/Hr |
| 1.23 inches of water | 306Pa | 50 Miles/Hr |
| 2.76 inches of water | 688Pa | 75 Miles/Hr |
| 4.92 inches of water | 1223Pa | 100 Miles/Hr |

| Pressure Rate | Standard | Leakage Rate |
|---------------------|---|------------------------|
| .10 inches of water | NFPA 105, UL 1784, IBC 715.4.3.1 STD | 3.0 CFM = 16.95 CMH/LM |

| Pressure Rate | Standard | | Leakage Rate |
|----------------------|----------|------------------|--------------------------|
| | System # | Part # | |
| .30 inches of water | K | No gasketing | 11.36 CFM = 64.18 CMH/LM |
| .30 inches of water | Z-1 | 475+565+365 | .02 CFM = .11 CMH/LM |
| .30 inches of water | D* | 328/326 +164+154 | .07 CFM = .39 CMH/LM |
| .30 inches of water | A* | 328/326 +565+361 | .03 CFM = .17 CMH/LM |
| .30 inches of water | B | 770+565+361 | .04 CFM = .22 CMH/LM |
| .30 inches of water | Z-2 | 370+565+365 | .07 CFM = .39 CMH/LM |
| .30 inches of water | E | 328+164+361 | .17 CFM = .96 CMH/LM |
| .30 inches of water | F | 318+564+351 | .25 CFM = 1.41 CMH/LM |
| .30 inches of water | SM-11 | 8144+8770+355 | .27 CFM = 1.52 CMH/LM |
| .30 inches of water | G | 312+565+351 | .35 CFM = 1.97 CMH/LM |
| .60 inches of water | SM-12 | 475+565+365 | .04 CFM = .22 CMH/LM |
| .60 inches of water | SM-14 | 328+565+361 | .06 CFM = .33 CMH/LM |
| .60 inches of water | SM-16 | 770+565+361 | .07 CFM = .39 CMH/LM |
| .60 inches of water | SM-17 | 370+565+365 | .08 CFM = .45 CMH/LM |
| .60 inches of water | SM-18* | 328/326+164+361 | .25 CFM = 1.41 CMH/LM |
| 1.2 inches of water | SM-19* | 328/326+565+361 | .09 CFM = .51 CMH/LM |
| 1.23 inches of water | SM-20 | 770+565+361 | .11 CFM = .62 CMH/LM |
| 1.23 inches of water | Z-3 | 370+565+365 | .16 CFM = .90 CMH/LM |
| 1.23 inches of water | SM-21* | 328/326 +164+361 | .38 CFM = 2.15 CMH/LM |
| 1.23 inches of water | SM-22 | 8144+8770+355 | .64 CFM = 3.62 CMH/LM |
| 2.76 inches of water | SM-23 | 8144+8770+355 | 1.39 CFM = 7.85 CMH/LM |
| 4.92 inches of water | SM-24 | 475+564+119WB | .56 CFM = 2.82 CMH/LM |

CMH / LMC = Cubic meter per hour / Linear meter of crack.

*328 used for hinge side, 326 for head and lock side.

Specialty Applications

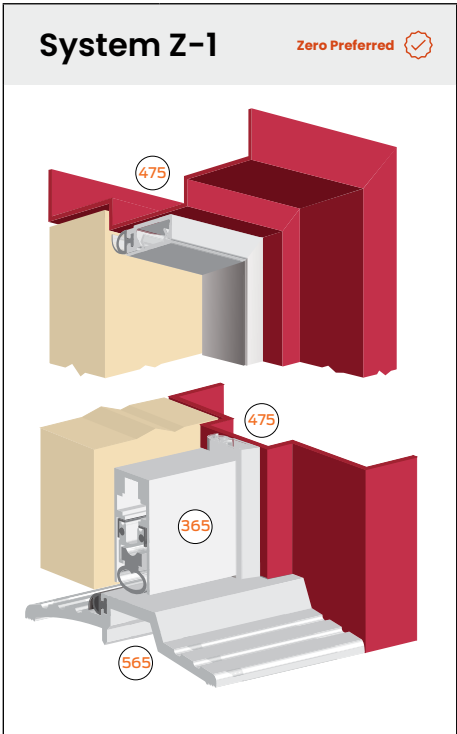
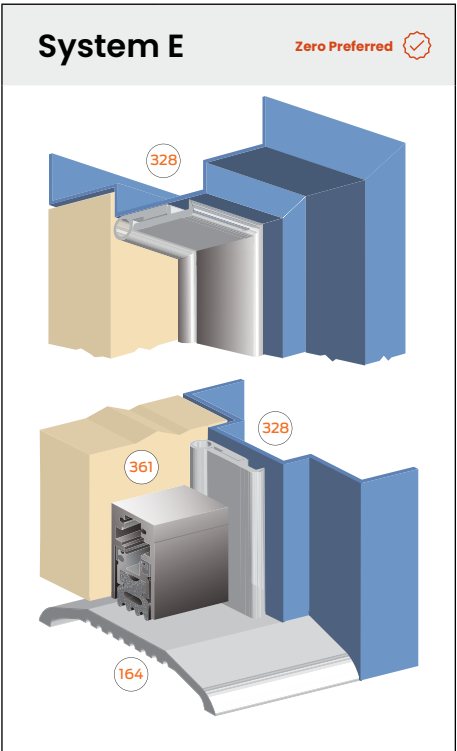
Air Control Systems

Smoke and Draft Control

Fire door assemblies shall also meet the NFPA 105 requirements for a smoke and draft control door assembly tested in accordance with UL 1784. The air leakage rate of the door assembly shall not exceed 3.0 cubic feet per minute per square foot [0.01524 m3/(sq m2)] of door opening at 0.10 inch (24.9 Pa) of water for both the ambient temperature and elevated temperature tests. Installation of smoke doors shall be in accordance with NFPA 105.

Conclusions and Observations

- 1) To comply with NFPA 105 and/or any of the standards that refer to air/smoke infiltration rates, door seals must be specified and installed. In general a door will not pass the smoke test without gasketing.
- 2) The higher the air pressure differential, the better the quality of the gasketing is needed.
- 3) Adjustable gasketing facilitates installation and allows adjustment when needed for consistent performance over time.
- 4) Hospitals are designed with the idea of keeping patients in their rooms in case of fire. In a room that measures 10 x 10 x 9 feet with a 3 x 7 foot door, the room will be 100% filled with smoke from smoke-filled corridors in 15 minutes if the door only complies with the UL 1784/ NFPA 105 maximum leakage standard 3.0 CFM. If the leakage rate is reduced to .02 CFM using smoke control systems, it will take 37 hours for smoke to fill that same room.
- 5) Although fast, efficient evacuation is the goal in school fires, prudent design should provide adequate smoke protection exceeding 15 minutes for students who might remain trapped in fully engaged fire zones.



Specialty Applications

Replacement Rubber Reference Chart

| Rubber Part Number | Compatible Models |
|--------------------|---|
| 1370N | 376, 1840, 1370, 3709 |
| 139N | 139 |
| 153N | 111, 153, 253 |
| 312N | 312 |
| 314N | 50, 314 |
| 3150N | 55, 55FS, 56, 56FS, 3056FS, 38 |
| 318N | 140, 318, 322 |
| 320N | 320, 321, 323 |
| 326N | 326, 3709 |
| 328N | 328, 3708 |
| 3365N | 364, 365, 366, 367, 368, 369 |
| 363N | 170, 270, 360, 361, 362, 470 |
| 365N | 272, 472, 770 |
| 3676N | 2673, 2676, 3672, 3673, 3674, 3675, 3676 |
| 367N | 367, 368, 369 |
| 383N | 381, 383, 477 |
| 486N | 73, 383, 475, 478, 485, 560, 563, 564, 566, 568, 3831, 7338, 7770 |
| 521S-BK | 521FS |
| 52N | 52 |
| 539N | 539 |
| 53N | 53, 853, 3551 |
| 570S-BK | 65, 355, 570 |
| 572N | 265, 267, 524, 525, 526, 565, 561, 627, 628, 8729 |
| 5813S-BK | 99, 5831 |
| 59N | 59FS |
| 72N | 72, 452 |
| 7770N | 7770 |
| 8194N | 134, 3546, 8194, 8195 |
| 8197N | 8151, 8191, 8197 |
| 8303S-BK | 429, 8303, 8878 |
| 8353N | 350, 351, 352, 7350 |
| 8452N | 8452 |
| 8557S-B | 33, 35, 100, 58FS, 399, 555, 557, 873, 3557, 5833 |
| 870S-BK | 31, 36, 712, 870, 5831FS |
| 9137S-CL | 9137 |

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Door Sealing Systems



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| 34P..... | 142 | 188BIO..... | 144 | 478..... | 92 | 1685R..... | 34 |
| 35/38..... | 119 | 188FS..... | 143, 186 | 485..... | 91 | 1686R..... | 34 |
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