M-D Building Products 78691

M-D Building Products 78691 Silver Sill-Type Threshold User Manual

Model: 78691 | Brand: M-D Building Products

Introduction

The M-D Building Products 78691 Silver Sill-Type Threshold is designed to provide an effective seal against drafts, moisture, dust, and insects at the bottom of exterior doors. Constructed from durable aluminum and rigid vinyl, this threshold offers long-lasting protection and can be used for new installations or to replace existing thresholds. Proper installation ensures enhanced energy efficiency and comfort for your home.

Product Features

- Made of durable aluminum, PVC, and rigid vinyl for longevity.
- Designed for use with exterior doors to replace or install thresholds.
- Dimensions: 5-5/8 inches (W) x 1-1/8 inches (H) x 36 inches (L).
- Features a silver finish.
- Provides protection against drafts, moisture, dust, and insects.
- Fits doorways up to 36 inches wide.
- Includes screws for convenient installation.
- Rigid vinyl top, when combined with an under door seal or door sweep, creates a weather-tight seal.
- Can be cut to desired length using a hacksaw for the aluminum and scissors for the vinyl insert.

Package Contents

- 1 x M-D Building Products 78691 Silver Sill-Type Threshold (36 inches long)
- Installation Screws

Safety Information

Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves when handling and installing the threshold. Use caution when cutting the aluminum threshold with a hacksaw, as sharp edges may result. Ensure the work area is well-lit and clear of obstructions. Keep small parts, such as screws, out of reach of children.

Installation Instructions

Follow these steps for proper installation of your M-D Building Products Sill-Type Threshold:

1. **Measure the Doorway:** Carefully measure the width of your doorway opening where the threshold will be installed.
2. **Cut to Size (if necessary):** If the threshold is longer than your doorway, use a hacksaw to cut the aluminum portion to the exact required length. Use scissors to trim the vinyl insert. Ensure cuts are straight and clean for a proper fit.
3. **Prepare the Surface:** Clean the area where the threshold will be placed, ensuring it is free of dirt, debris, and old caulk. The surface should be level and dry.
4. **Position the Threshold:** Place the threshold in the doorway opening. Ensure it fits snugly against the door frame.
5. **Mark Pilot Holes:** Using the pre-drilled holes in the threshold as a guide, mark the drilling locations on the floor.
6. **Drill Pilot Holes:** Remove the threshold and drill pilot holes at the marked locations. The drill bit size should be slightly smaller than the screw diameter to ensure a secure fit.
7. **Secure the Threshold:** Reposition the threshold and secure it to the floor using the provided screws. Drive the screws firmly but avoid over-tightening.
8. **Seal (Optional but Recommended):** For an optimal weather-tight seal, apply a bead of exterior-grade caulk along the edges of the threshold where it meets the floor and the door frame. Consider installing a compatible door sweep or under door seal in conjunction with the threshold.



Image: The M-D Building Products 78691 Silver Sill-Type Threshold, showing its aluminum body and rigid vinyl insert.

Installation Overview Video

Your browser does not support the video tag.

Video: A brief overview demonstrating the features and general appearance of the M-D Building Products 78691 Sill-Type Threshold, including its dimensions and how it fits into a doorway. This video provides a visual reference for the product's design and application.

Maintenance

To ensure the longevity and continued effectiveness of your M-D Building Products Sill-Type Threshold, regular

maintenance is recommended:

- **Cleaning:** Periodically clean the threshold with mild soap and water to remove dirt, dust, and debris. Avoid abrasive cleaners or harsh chemicals that could damage the aluminum or vinyl.
- **Inspection:** Regularly inspect the vinyl insert for signs of wear, cracking, or damage. If the vinyl is compromised, it may reduce the sealing effectiveness and should be replaced if possible, or the entire threshold if necessary.
- **Sealant Check:** If caulk was used during installation, inspect it annually for cracks or deterioration and reapply as needed to maintain a weather-tight seal.

Troubleshooting

Problem	Possible Cause	Solution
Drafts or moisture entering under the door.	Threshold not properly sealed; worn or damaged vinyl insert; door sweep/bottom not making proper contact.	Check and reapply caulk around the threshold. Inspect the vinyl insert for damage and replace if necessary. Adjust or replace the door sweep/bottom to ensure it makes firm contact with the threshold.
Threshold appears loose or shifts.	Screws are loose; improper installation.	Tighten all mounting screws. If the problem persists, remove the threshold, inspect the pilot holes, and reinstall ensuring screws are securely fastened. Consider using construction adhesive for added stability if appropriate for your flooring.
Difficulty closing the door.	Threshold too high; door sweep/bottom too low.	Ensure the threshold height is appropriate for your door. If the door sweep is adjustable, raise it slightly. If the threshold itself is too high, it may indicate an incorrect product choice or installation issue requiring professional assessment.

Specifications

Attribute	Detail
Brand	M-D Building Products
Model Number	78691
Color	Aluminum Mill (Silver)
Product Dimensions (L x W x H)	36 in. x 5-5/8 in. x 1-1/8 in.
Item Weight	8.5 ounces
Material	Aluminum, PVC, Rigid Vinyl
UPC	043374786910

Warranty and Support

M-D Building Products stands behind the quality of its products. For specific warranty information or technical support regarding your 78691 Sill-Type Threshold, please refer to the manufacturer's official website or contact their customer service directly. Keep your purchase receipt for any warranty claims.
Manufacturer: M-D Building Products

Website: www.mdbuildingproducts.com (Example link, verify actual manufacturer website)

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Model number, symptoms, what you tried, or the section of the manual you are using.

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