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> M-D Building Products 78634 Adjustable Aluminum & Hardwood Threshold Kit Instruction Manual

M-D Building Products MD Building - 78634

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Instruction Manual

PRODUCT OVERVIEW

The M-D Building Products 78634 Adjustable Aluminum & Hardwood Threshold Kit is designed to provide a durable and versatile sealing solution for French and exterior doors. Constructed from robust aluminum and sturdy oak wood, this threshold effectively seals the gap between your door and the floor, protecting against drafts, moisture, dust, and insects. Its adjustable riser feature allows for precise sealing of uneven gaps and accommodates unique installations.



Figure 1: M-D Building Products 78634 Adjustable Aluminum & Hardwood Threshold Kit, showcasing its bronze finish and wood component.

SETUP AND INSTALLATION

Proper installation of your M-D Building Products threshold is crucial for optimal performance and longevity. This kit includes all necessary fasteners, bolts, nuts, and cap screws for a straightforward installation process.

Required Tools (Not Included):

- Measuring Tape
- Pencil
- Saw (for cutting to length, if necessary)
- Drill with appropriate drill bits
- Screwdriver or drill bit for fasteners
- Wood glue and finish nails (optional, for reinforcing wood components)

Installation Steps:

1. **Measure and Cut:** Measure the width of your door opening. If the threshold is longer than required, carefully cut the aluminum and wood components to the precise length using a suitable saw. Ensure clean, straight cuts.
2. **Prepare the Opening:** Clean the area where the threshold will be installed, ensuring it is free of debris, old caulk, or uneven surfaces.
3. **Position the Threshold:** Place the threshold in the door opening, ensuring it fits snugly and is centered.
4. **Mark Drill Holes:** Use the pre-drilled holes in the threshold as a guide to mark the corresponding drill points on your subfloor or door frame.
5. **Drill Pilot Holes:** Remove the threshold and drill pilot holes at the marked locations. Ensure the pilot holes are of appropriate size for the provided fasteners.
6. **Secure the Threshold:** Place the threshold back into position. Insert the provided fasteners (bolts, nuts, cap screws) through the threshold and into the pilot holes. Tighten securely.
7. **Adjust the Riser:** Adjust the height of the oak wood riser to create a tight seal with the bottom of your door. (Refer to the 'Adjustment' section for detailed instructions).
8. **Seal (Optional but Recommended):** Apply a bead of exterior-grade sealant along the edges of the threshold where it meets the floor and door frame to enhance weatherproofing.



Figure 2: Threshold dimensions and adjustable height range. The threshold is 36 inches (91.4 cm) long and 5-5/8 inches (14.3 cm) wide. The adjustable riser can be set from 1-1/8 inches (2.9 cm) to 1-3/8 inches (3.5 cm) in height.

ADJUSTMENT AND OPERATION

The M-D Building Products threshold features an adjustable riser designed to create a precise seal against the bottom of your door, accommodating uneven gaps and ensuring optimal weather protection.

Adjusting the Riser Height:

- The oak wood riser component of the threshold can be raised or lowered. This adjustment is typically made by turning the screws located on the top surface of the wood.
- To raise the riser, turn the adjustment screws clockwise. To lower it, turn them counter-clockwise.
- Adjust the riser incrementally, testing the door's seal as you go. The goal is to achieve a snug fit that prevents drafts and moisture without creating excessive friction when opening or closing the door.
- The riser can be adjusted from approximately 1-1/8 inches (2.9 cm) up to 1-3/8 inches (3.5 cm) in height.



Figure 3: Close-up view of the adjustable mechanism on the threshold, showing the screws used to raise or lower the oak wood riser for a custom fit.



Figure 4: The M-D Building Products threshold installed at the base of an exterior door, demonstrating its integration and function.

MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your adjustable threshold.

- **Cleaning:** Clean the aluminum and wood surfaces periodically with a mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that could damage the finish or wood. Wipe dry with a soft cloth.
- **Inspect Seal:** Annually inspect the seal between the door and the threshold. If the seal appears worn or ineffective, readjust the riser height as needed.
- **Wood Care:** The oak wood component can be treated with a wood sealant or stain if desired, especially in high-moisture environments, to prolong its life and maintain its appearance.
- **Hardware Check:** Periodically check that all fasteners are tight. If any loosen, gently tighten them to ensure the threshold remains securely in place.

TROUBLESHOOTING

If you encounter issues with your M-D Building Products threshold, refer to the following common problems

and solutions:

Problem	Possible Cause	Solution
Threshold does not seal properly or allows drafts.	Riser height is incorrect or has shifted.	Adjust the riser height using the top screws until a snug seal is achieved with the door bottom. Ensure the adjustment washers are properly engaged with the bolts.
Wood component feels loose or detaches.	Staples holding the wood may be insufficient or damaged.	Reinforce the wood component by applying wood glue and securing with small finish nails. Pre-drill pilot holes for nails to prevent wood splitting.
Hardware (bolts/screws) are missing or insufficient.	Packaging error or loss during transit.	Contact M-D Building Products customer support for replacement hardware.
Threshold is too long for the doorway.	Incorrect measurement or standard length.	Carefully cut the threshold to the required length using a miter saw with a blade suitable for aluminum and wood.

SPECIFICATIONS

Attribute	Detail
Model Number	MD Building - 78634
Color	Bronze
Material	Aluminum, Oak Wood
Product Dimensions (L x W x Th)	36" x 5.62" x 0.12" (91.4 cm x 14.3 cm x 0.3 cm)
Adjustable Riser Height	1-1/8" to 1-3/8" (2.9 cm to 3.5 cm)
Item Weight	3.05 pounds (1.38 kg)
Included Components	Threshold, Fasteners, Bolts, Nuts, Cap Screws

WARRANTY AND SUPPORT

This product is subject to Amazon's standard return policy, which typically allows for returns within 30 days of receipt. For specific details regarding returns or to initiate a return, please refer to your Amazon order history or Amazon's return policy page.

For product-specific inquiries, technical assistance, or to report missing components, please contact M-D Building Products directly. You can find more information and contact details by visiting the official M-D Building Products store on Amazon:

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