

Before you get started we recommend you check out our installation video at www.CLAMDOOR.com

Materials

Caulking:

- Exterior in preferably gray or white.
 - 6-8 tubes: Vulkem 116 polyurethane sealant by Tremco is a recommended Product. (UPC# 063213011089 in gray and 0663213011065 in white)
 - 10 FT: VYCOR Plus Self – Adhesive Flashing 6”
 - 20 FT: Foam caulk backer rod 3/8" X 20' for the **Small** ClamDoor
 - 20 FT: Foam caulk backer rod 7/8" X 20' for the **Large** ClamDoor

Shims:

- Approximately seven shims

Flashing:

- Drip cap flashing in size 3/4” or 1-1/8” x 60” is recommended for flashing the ClamDoor unit to exterior siding.
- For existing concrete foundations in disrepair or poor condition, consider using pressure-treated trim (1 x 4) for directly adhering the ClamDoor unit to concrete.

Fasteners:

- Two 3/8 x 4” Wedge-Bolts -heavy duty concrete anchor.
- Eight #8 x 3-1/2 or 2-1/2 AC257 Treated Exterior Grade Screws (large head low profile)



CLAMDOOR INSTALLATION DIRECTIONS

- Prepare the foundation area where the ClamDoor unit will be installed.
- For best results, ensure the foundation surface is dry and free of dirt, oil and scale prior to installing.
- While preparing the installation area, it is recommended to store the ClamDoor unit on a drop cloth, blanket or other soft surface.
- Position the ClamDoor unit in the exact location where it will be permanently installed.
- Confirm that the unit is level on the foundation and **square with the sidewall of the building**, exterior of home or other abutting surfaces. Align the unit and mark an outline for easy reference. Recheck ClamDoor threshold is located completely over concrete and not protruding into opening above top step.
- Pre-Drill holes 8" – 10" apart and approximately ¼" down for fasteners into the molded flange located along the top perimeter of the ClamDoor unit and into the sidewall of the house/building. Attach top Flange to sidewall using 3-1/2 or 2-1/2 AC257 Treated Exterior Grade Screws.
- Properly flash top flange. *The flange will have a bow to it, this is normal.*

Note of Caution: when drilling into concrete, use caution not to shift the door away from where it aligns with previously marked lines.



- Pre-drill 4 holes for fasteners into the molded base flange located along all 4 corners of the threshold – 2 in the bottom corners by the house siding and 2 on both left and right sides of the lock-wire. *Note:* These holes will be covered by the lid when closed.
- Add fasteners to the pre-drilled holes to secure the ClamDoor unit to the foundation.
- Completely flash and finish all trim details.
- Install Baker Rod on the interior where the ClamDoor meets the foundation and apply a liberal bead or line of caulking. Apply a finish bead of caulking along and underneath the exterior perimeter of the ClamDoor's flange where it meets the foundation. *Tool-in the caulking for it to adhere and seal properly.*
- If light is seen between the lid and the frame, open the lid, using your fingers simply move the weather-stripping down from the lid to the frame

Enjoy your ClamDoor and a special thanks for supporting us!