



List of Additional Materials Needed

Caulking: Exterior in preferably gray or white.
Vulkem 116 polyurethane sealant by Tremco is a recommended product. (UPC# 0663213011065 in white and 063213011089 in gray)

Shims: Approximately seven wood shingle shims measuring $\frac{1}{4}$ " x 8" each.

Flashing:

1. Drip cap flashing in size $\frac{3}{4}$ " or 1" is recommended for adhering the ClamDoor unit to exterior siding.

2. 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:

Varies based on the material of the structures that the ClamDoor unit is being drilled into and onto.

It is recommended to use each of the following fasteners:

- Three wedge bolts measuring $\frac{1}{4}$ x 3"
- Six stainless steel sheet metal screws in size #8 with a length of 1 $\frac{1}{2}$ ".

CLAMDOOR INSTALLATION DIRECTIONS

For new construction or replacement bulkhead doors:

- Prepare bulkhead area where the ClamDoor unit will be installed.



- For best results, ensure the ClamDoor's 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 to avoid damage to the unit.
- Position the ClamDoor unit in the exact location where it will be permanently installed.



- Confirm that the unit is level and square with the concrete, exterior of home or other abutting surfaces. Align the unit and mark an outline for easy reference.



- Pre-drill holes for fasteners into the molded flange located along the perimeter of the ClamDoor unit at each of the following locations on both its left and right sides:



1. Each of the two interior corners located along the inside front of the unit's raised base.
2. Mid center of back flange,
3. Top center of flange.

- Use shims to elevate the ClamDoor unit in order to apply caulking underneath – See next step.



- **Note of Caution:** When drilling into concrete, be cautious not to shift the door away from where it aligns with pre-drilled holes because once caulking is applied, the holes will be covered and difficult to align with again.
- Apply a liberal sized bead or line of caulking underneath the perimeter of the ClamDoor's flange where it meets the concrete.



- Remove the shims so as to lower the ClamDoor directly upon the caulking.
- Add fasteners to the pre-drilled holes to secure the ClamDoor unit to the concrete and other abutting surfaces.



- Enjoy your new ClamDoor – The NEW Alternative in Bulkheads!

