

DamSill™

Retrofit Instructions

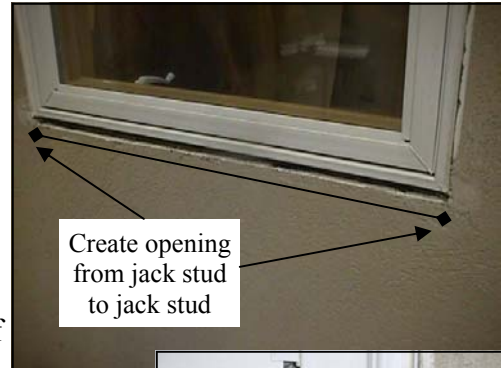
What is DamSill?

DamSill is installed under windows and doors to catch water and move it away from the wall. DamSill is a window pan system that is designed to prevent moisture problems in both new and existing structures.

STEP 1—Creating the Opening

Create an opening under the window that is 5/8" tall and 2.5" deep into the support stud under the window. The total depth of the cut will depend on the depth of the cladding system. A typical 1" deep EIFS will have a total depth of 4.25", which includes 1/2" substrate. The opening should extend the entire length under the window from jack stud to jack stud.

NOTE: See instructions on tape 3 of the MoistureFree Warranty Video Training Series for details about techniques for creating the proper opening under the window.



Step 2— Flashing the Exposed Cladding Edge

The edge of the exposed EIFS or stucco should be sealed with self adhesive flashing tape. The flashing tape will assure that moisture draining from the DamSill will make it to the outboard side of the cladding. The tape should overlap the edge of the cladding by at least 1/2". Make sure that the adhesive flashing sticks to the surface of the cladding. A heat gun may be necessary in colder weather. Aluminum-faced, self-adhesive flashing is recommended.



Step 3— Installing the First Section of DamSill

The DamSill drain is installed in two pieces. Each piece is installed directly against the opposing jack studs with a gap of 1/2" left between the two pieces. The splice between the two pieces of DamSill should be located at the lowest risk location under the window, which is typically the center. On casement windows, locate the splice away from the closing mechanism since these commonly leak.



Apply a caulk bead along the top edge of the self adhesive flashing. This seals the DamSill to the flashing once it is installed.



Apply Dow Corning 795 sealant liberally around the back and side of the DamSill that will be in contact with the jack stud.



Slide the first section of the DamSill in place making sure that the sealant forms a complete seal against the jack stud.

Retrofit Instructions (continued)

Step 4— Installing the Second Section of DamSill

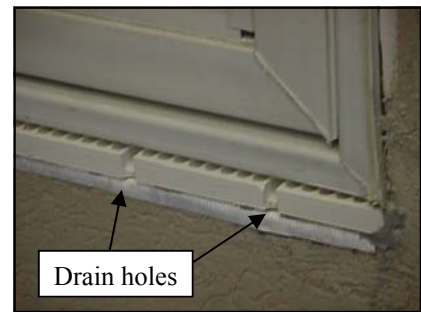
The second section of the DamSill should be 1/2" shorter than the opening. This allows caulking to be applied to the edge of the DamSill, inserted in the opening, and slid up against the jack stud. The gap between the two sections of DamSill is caulked closed.



Apply caulk to the back and side of the DamSill. Insert into the opening and slide against the jack stud.



Fill the gap between the two sections of DamSill with sealant. Make sure to force the caulk into the opening.



The drain holes should extend beyond the edge of the cladding by at least 1/8" for proper drainage.

Step 5— Installing the Face Plate

The face plate can be made from a 1"x 1" vinyl drip edge. The edge that inserts back under the sill should be trimmed so that no more than 3/4" will insert under the window sill edge. Seal the top and side of the face plate.



Apply sealant in-between the drain holes on the face to hold the face plate.



Trim the upper edge so that no more than 3/4" is inserted under the window edge.



Insert the face plate over the top of the DamSill.



Seal the top and side of the face plate.

Helpful Hints

Ganged Windows—Multiple window units should have a continuous piece of DamSill under the mullion (joint between the two windows). These areas frequently leak and a continuous piece of DamSill will catch the water.

Windows With EIFS Accents—The DamSill can be installed on windows with up to a 1" accent without modification. Accents over 1" must be cut at an angle to allow the DamSill drain holes to reach the outboard surface.

Caulking The Window—All windows and window perimeters should be sealed. The construction elements of many windows and doors leak. These areas should be caulked to help prevent leaking.

Need More Help?

For more information or assistance with windows and door leaks, contact Moisture Warranty Corporation at 800-400-8679 or at www.moisturewarranty.com.