



VELOCITY IMPACT PRODUCTS ANCHORLESS SILL INSTALLATION

Substrate Preparation

Product Conditioning: Condition material to 65°-75°F before using.

Clean all surfaces. Joint walls must be sound, clean, frost-free, and free of oil and grease. Curing compound residues and any other foreign matter must be thoroughly removed. A roughened surface will also enhance bond. Install bond breaker tape or backer rod to prevent bond at base of joint. Priming is not usually necessary. Most substrates only require priming if testing indicates a need or where sealant will be subjected to water immersion after cure.

For green concrete applications control joints must be cut 8 hours prior to sealant installation and in expansion joint forms must be removed 4 hours prior to sealant installation. For wet concrete applications all excess or standing water must be displaced and concrete must then dry for a minimum of 60 min prior to sealant installation. Consult Sikaflex Primer Technical Data Sheet or Technical Service for additional information on priming.

Installation

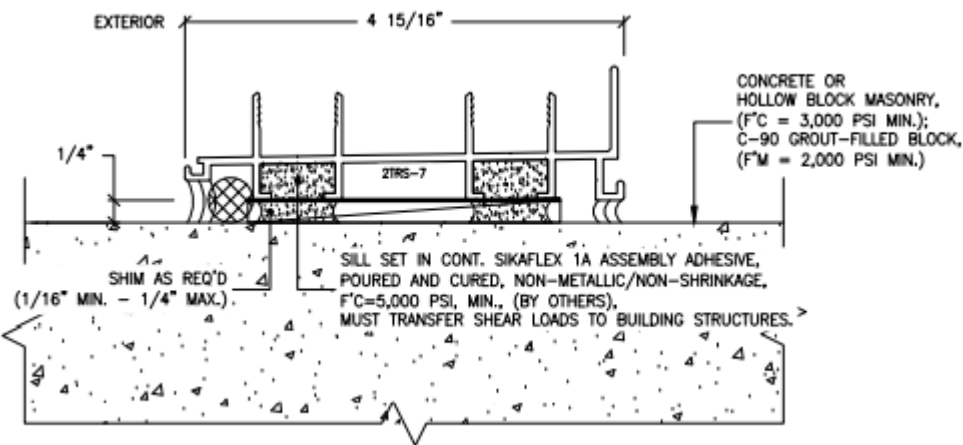
Clean the bottom of the aluminum sill with isopropyl alcohol to remove any residual oil or contaminants using the two-wipe method.

Dry set the frame to determine the correct fit and to ensure that the sill will be level after application of the Sikaflex®-1A per Florida Product Approval Number 31650.

Mark the centerlines of each rib of the sill onto the concrete substrate to be adhered to and run a continuous bead of Sikaflex®-1A down the entire length of each row per the Florida Product Approval.

Laying the sill on its side run a continuous bead of Sikaflex®-1A inside of each cavity of the sill to be filled so that the final product will represent the illustration on the Florida Product Approval as detailed below.

Example:



Note: At this time it is recommended to take photos of the application process since the method will not be visible during an inspection.

Carefully set the frame in the desired position and press the sill down against the level surface taking care to ensure the product is plumb, level and square as well as fully supported.

Note: Shimming is allowed up to 1/4" using composite shims (wood shims should not be used in any portion of the product installation).

You may now install the jamb and head fasteners, end dams and sill riser as you would normally and in accordance with the Florida Product Approval and Velocity Impact Products Installation Instructions while you wait the Sikaflex®-1A to become tacky.

Note: It is good practice to verify that the sill remains level throughout the installation process from end to end to ensure proper adhesion and product drainage for the final assembly.

Note: Field conditions may differ between projects. Should you have any field requirements that you are unsure about please contact your Structural Engineer and Sikaflex®-1A supplier to verify condition compatibility.