

SWELLSTOP INSTALLATION

TOP INTRODUCTION

SWELLSTOP is a swellable strip applied waterstop used to seal below grade, non-moving concrete joints. Comprised of bentonite clay and butyl rubber, the waterstop expands up to three (3) times its original volume when in contact with water. This expansion creates a long lasting compression seal. SWELLSTOP does not require split formwork, making the installation efficient and simple. In addition to its installation and sealing advantages, SWELLSTOP is conveniently packaged six (6) rolls per carton. The 3/4" x 1" profile is provided on 16'-8" rolls weighing less than 7 pounds each.

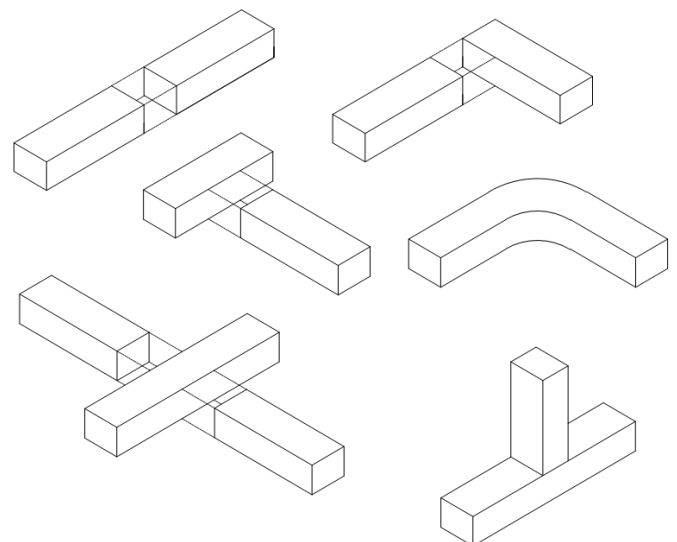
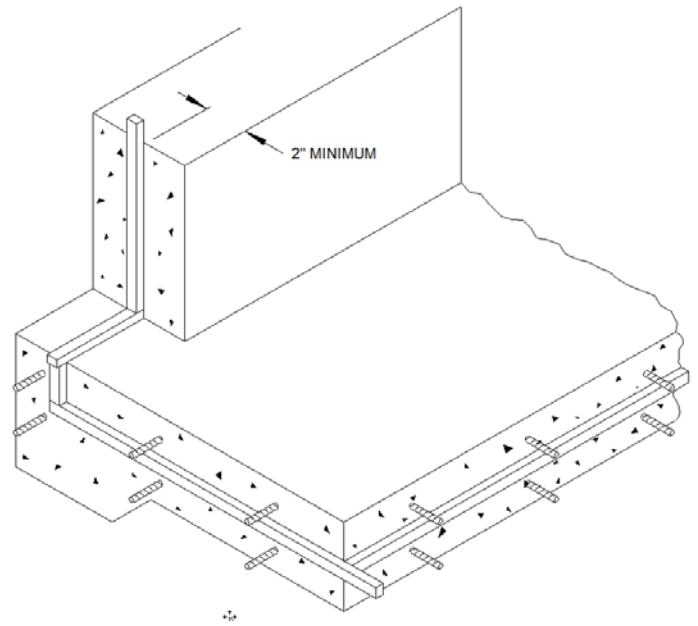
PLACEMENT REQUIREMENTS

SWELLSTOP is installed after the form is stripped from the first pour and before the second pour is made. Therefore, splitting of the form is not required. A keyway may be formed with a slight draft angle at the joint face to accept the SWELLSTOP. Installing SWELLSTOP in a formed keyway will reduce the risk of the profile shifting during the placement of the concrete but may increase the chance of SWELLSTOP being exposed to pooling water.

The expansion process begins immediately when SWELLSTOP contacts water. Therefore installation of SWELLSTOP should be made just prior to the second placement of concrete. This will reduce the chance for premature expansion of SWELLSTOP due to moisture exposure. SWELLSTOP should be protected from water exposure where construction practice dictates a delay between installation and concrete placement..

SPLICING

SWELLSTOP should be spliced by butting the ends of the waterstop together to ensure no separation and no air pockets. Do not overlap the ends of the waterstop. 90° corners, crosses, and T's can be accomplished in a similar manner. It is not necessary to miter cut the SWELLSTOP at these intersections. The pliable nature of SWELLSTOP permits it to be bent around corners eliminating a 90° splice if desired. Place in maximum practical lengths to minimize splicing.



SWELLSTOP - INSTALLATION

Greenstreak



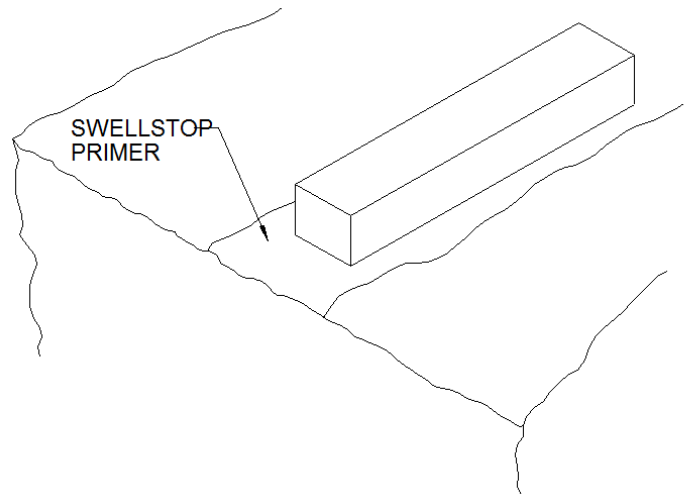
BUILDING TRUST

BONDING TO CONCRETE

Remove all dust, oil, laitance, etc... from concrete surface prior to adhering SWELLSTOP. Concrete surface should be smooth, even and dry, and cured for a minimum 24 hours prior to application of SWELLSTOP.

Brush one coat of SWELLSTOP PRIMER ADHESIVE, or alternatively SWELLSTOP WB PRIMER ADHESIVE (water based) two (2) inches wide continuously along the joint. Allow the primer adhesive to dry for two (2) hours prior to application of the SWELLSTOP. The primer adhesive provides a dust free, tacky surface to improve the adhesion of SWELLSTOP to the concrete. Press waterstop firmly and continuously in place over primed area.

SWELLSTOP can be mechanically fastened to concrete using concrete nails in vertical or overhead applications. This should be done in addition to using the primer adhesive. Suggested fastener spacing is approximately 12" on center



IMPORTANT PRECAUTIONS

SWELLSTOP should be used in non-moving joints only. Movement in the joint will diminish the seal and compromise its effectiveness. SWELLSTOP is not appropriate for expansion joint applications. SWELLSTOP should be applied the same day as the primer adhesive is applied. Do not remove separation paper from SWELLSTOP until just prior to 2nd pour concrete. Store SWELLSTOP in a cool, dark, and dry environment.

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