TegraStop™ WaterStop

Product Description
TegraStop™ is a multilayered bentonite-based waterstop for construction joints. The self-sealing properties of bentonite are encased within a hydration resistant core providing both extreme free swell properties as well as delayed swell properties. The multilayered structure with polypropylene fabric and strong tear-resistant netting provides for additional strength and structure. TegraStop™ WaterStop will provide superior performance over the life expectancy of the structure.

Basic Uses
TegraStop™ is used to seal static construction joints in concrete footings, walls, floors, tunnels, parking and plaza decks and to prevent water migration. TegraStop™ has superior performance when used under conditions of extreme water head.

Packaging
Standard rolls sizes are:
$^{1}/_{2}$" x 1" x 15' (1.27 cm x 2.54 cm x 4.6 m)
$^{3}/_{4}$" x 1" x 15' (1.9 cm x 2.54 cm x 4.6 m)

Installation
Examine all surfaces prior to starting application. Dust may be present; however all debris and standing water should be removed. Installation may proceed on uncured, damp or frozen surfaces. If surface is trowelled smooth, lay a $^{1}/_{8}$" to $^{1}/_{4}$" bead of CureTite™ Mastic Adhesive along the joint. If surface is irregular, knock down protrusions greater than $^{1}/_{2}$" and use CureTite™ Mastic Adhesive to fill the voids. Press TegraStop™ WaterStop into uncured Adhesive and nail every 15" (38 cm) o.c. with powder-actuated or hand-driven concrete nails (1" or 2.54 cm shank) with washer ($^{5}/_{8}$"–$^{13}/_{16}$" or 15–23 mm). Butt ends for a continuous application. For specific installation guidelines, please contact our distributor, a TegraSeal Representative, or visit our website for details.

Storage
Protect from moisture. Store on skid or pallet, cover with polyethylene or tarp.

Availability
Available nationwide through TegraSeal distributors. Contact us for details.

Limitations
Keep TegraStop™ dry, protect from exposure to the elements. TegraStop™ is resistant to many contaminants in soil. Please contact TegraSeal for compatibility testing. TegraStop™ should be installed at least 2" from the face of the concrete.

Warranty
TegraSeal Products, LLC (TegraSeal) warrants its products will be delivered free of defects in materials and workmanship. TegraSeal will replace the material or refund the purchase price.
TegraSeal makes no other warranty, including an implied warranty of merchantability or fitness for a particular purpose. TegraSeal shall not be liable for any other loss or damage. Contact TegraSeal to discuss specific details and warranty periods

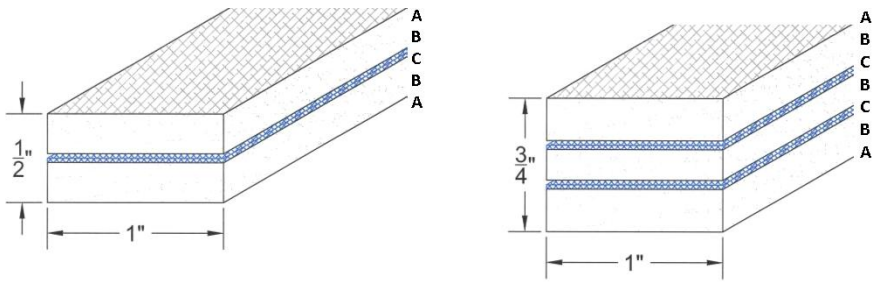

Figure 1. TegraStop WaterStop with hydration-resistant layers.
A. Non Woven Fabric.
B. Bentonite.
C. Layered mesh.

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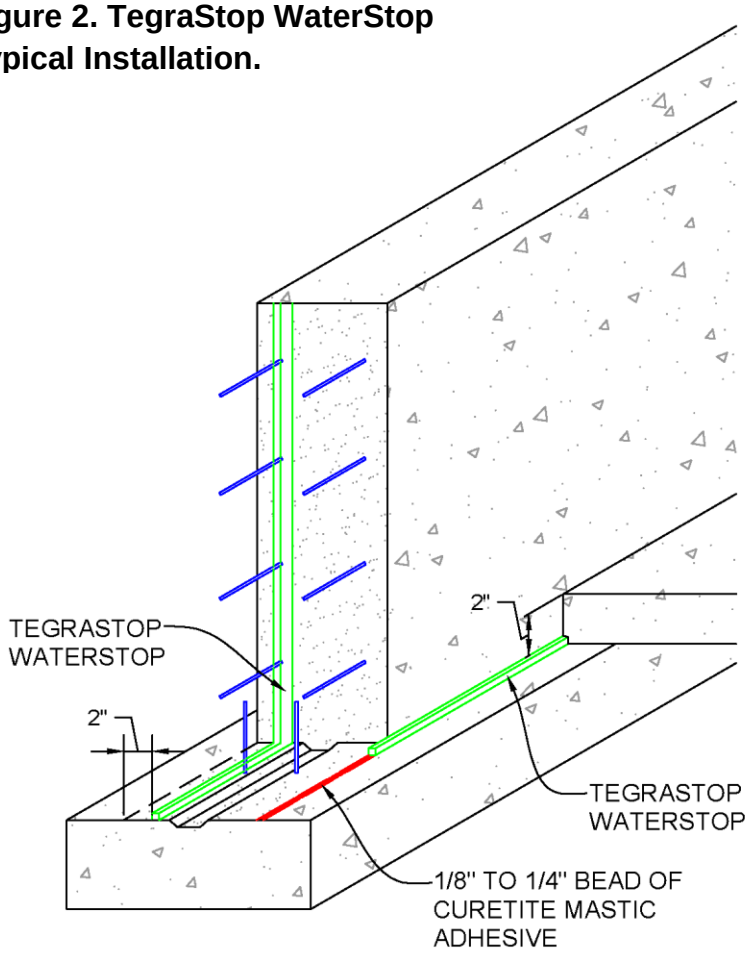
TYPICAL PHYSICAL PROPERTIES

Physical Property	Test Method	Value
Weight		0.25 lb per linear foot (0.4 kg/m)
Tear Strength: Membrane	ASTM D1004	$^1/_2$": 75 lbs (333 N) $^3/_4$": 112 lbs (500 N)
% Elongation at break	ASTM D638	>150%*
Unrestricted Expansion		300% over 4 days
Installation Temperatures	ASTM D746	-15˚F to 120˚F (-25˚C to 50˚C)
Freeze/thaw cycles		No effect before or after installation.
Resistance to hydrostatic head	ASTM D751 Procedure A	100 ft. (30 m) of water
Vapor Permeability	ASTM D5084	1 x 10^{-9} cm per sec

Figure 2. TegraStop WaterStop Typical Installation.



Use TegraStop™ WaterStop on vertical and horizontal construction joints with 2” of containment. CureTite™ Mastic Adhesive will fill voids in rough concrete and provides additional adhesion to the concrete while preventing water or concrete from seeping under the TegraStop WaterStop.

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