

TegraSeal Tieback Cover

Product Description

The TegraSeal Tieback Cover is a waterproof assembly made from TripleSeal, a 20-mil HDPE sheet with bentonite on both sides. The two-piece assembly (cone-shaped cover and a collar) is filled with TegraSeal Mastic to completely encompass the Tieback bolt. The Tieback Cover is pre-assembled to provide a simple and quick waterproofing detail. The cone shape, flange collar, and mastic fill combine to form a secure waterproof cover that is strong enough to withstand shotcrete or poured concrete, yet simple enough for custom sizes. The TegraSeal Tieback Cover is designed for use with TegraSeal's TegraTite Plus and TripleSeal waterproofing systems.

4) Tieback Cover. 5) Tieback rod. 6) TegraSeal Mastic. 7) CureTite Mastic Adhesive at the seams.

Basic Uses

The TegraSeal Tieback Cover can be installed over cable and rod type heads. After the tieback is coated and the Cover is filled with TegraSeal Mastic, the Cover is centered over the tie back and then mechanically fastened to the soil retention system. The Tieback Cover provides extra waterproofing in these difficult and leak prone areas. It has outstanding performance when used under conditions of high water head.

Installation

Examine all surfaces prior to starting application. Remove all debris and standing water--dust may be present. Installation may proceed on damp or frozen surfaces. Thoroughly coat the tie back penetrations and fill the TegraSeal Tieback Cover with TegraSeal Mastic. Install the Tieback Cover and fasten the flanges with appropriate fasteners. Spread additional Mastic at corners of the Cover use CureTite Mastic Adhesive and fasteners to tie in waterproofing membrane. The TegraSeal Tieback Cover do not require an additional protection course for most applications. Alternate sizes are available. For complete installation guidelines, please contact TegraSeal Products, ask your sales Representative, or go to our website for details.

Packaging

Standard size for the TegraSeal Tieback Cover structure is 27" x 27" x 8" and holds approximately 2 gallons of Mastic. Custom-sized covers are available by SPECIAL ORDER.

Storage

Protect from moisture. Store in original shipping container on skid or pallet, cover with polyethylene or tarp.

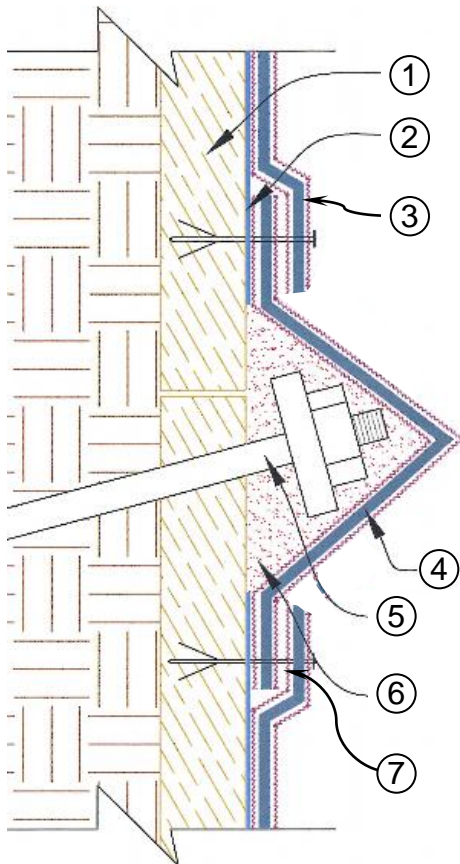


Figure 1. TegraSeal Tieback Cover. 1) Wood lagging with soldier pile removed for clarity. 2) Drainage layer /20-mil HDPE. 3) TegraSeal waterproofing membrane.



Availability

Available internationally and nationally through TegraSeal distributors. Contact us for details.

Limitations

TegraSeal Tieback Cover must be confined by a minimum of 24 psf. Keep Tieback Cover dry, protect from exposure to the elements. If conditions of salt or contaminants exist please contact TegraSeal for compatibility testing or the TegraSeal's SCR Tieback Cover.

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 for extended warranty periods.

TegraSeal Tieback Cover™

TYPICAL PHYSICAL PROPERTIES

Physical Property	Test Method	Value
TripleSeal membrane		20-mil virgin resin HDPE laminated with bentonite and fabric on both sides
Weight		1.5 lb per sq foot (7,34 kg/m ²)
Puncture Resistance	ASTM E154-88	172 lbs. (77.5 kg)
Tensile Strength: Membrane	ASTM D638	MD: 3750 psi (25.9 MPa) TD: 3780 psi (26.1 MPa)
% Elongation at break:	D638 Type 4 Dumbell	>567%
Resistance to hydrostatic head	ASTM D751 Procedure A	169 ft. (51.5 m) of water
Water Vapor Permeability:	ASTM E96-80	0.39 x 10 ⁻¹³ cm/sec 0.61 ng/ m ² .s.Pa 0.024 Perms (grains/ft ² * hr * inHg)
Resistance to micro organisms: (bacteria, fungi, mold, yeast)	ASTM E154-88 Section 13	Unaffected
Installation Temperatures	ASTM D746, ASTM D1238	-40°F to 150°F (-40°C to 65.5°C)
Life Expectancy:		Both high-density polyethylene and bentonite have life expectancy measurable in hundreds-of-years.