

TPO Cover Strip

TECHNICAL PRODUCT INFORMATION



STRONGHOLD™

StrongHold TPO Cover Strip is a 30 mil TPO membrane laminated to a 25 mil pressure sensitive white tape with a vulcanized rubber adhesive. Designed to cover, protect, and seal membrane fasteners, core sample repair patches, membrane repairs, metal tie-ins, and seam overlays in StrongHold TPO roof systems. When field conditions—such as aging or material fatigue—make heat welding impractical, StrongHold TPO Cover Strip delivers a professional-grade, pressure-sensitive seal that maintains the reflectivity and durability of your TPO system.

FEATURES & BENEFITS

StrongHold TPO Cover Strip also provides the following features and benefits:

- Adheres to aged TPO, even when the membrane can no longer be heat welded
- Excellent adhesion to both TPO and metal
- Long term durability with high resistance to UV light, heat, and moisture

PACKAGING

Package: 6" x 100' rolls

Rolls per carton: 2

Quantity per Pallet: 27

APPLICATION

StrongHold TPO Cover Strip can be used to cover, protect, and seal membrane fasteners, core sample repair patches, membrane repairs, metal tie-ins, and seam overlays in StrongHold TPO roofing systems.

The surface to be sealed must be clean, dry, and sound, as well as free of dirt, moisture, oils, algae, or other contaminants that may interfere with proper adhesion. Carefully remove any loose material from the surface with a wire brush or scraper. Grease and oil should also be removed with environmentally safe solvents or an appropriate cleaner. In most cases, a high-pressure water blast will be sufficient to prepare the surface. With all coatings and adhesives, proper preparation is key to yielding optimal results. BITEC always recommends adhesion testing prior to starting, especially with previously coated substrates.

Product application should be suspended immediately and our technical service personnel contacted if the results being obtained are less than desirable.

Prior to using StrongHold TPO Cover Strip, clean the entire surface where it will be applied. Apply either StrongHold Single Ply Primer or StrongHold LVOC Single Ply Primer to the application area (use caution when installing below 40°F (4°C) to prevent condensation on the surface of the primer). Allow the primer to dry to the touch, typically less than 20 minutes. Dry time will vary with ambient and surface temperature, as well as humidity. Once the primer is dry, position the

StrongHold TPO Cover Strip over the primed area and remove the release liner at a 45° angle while pressing down the cover strip by hand. Roll in the cover strip with a 2" silicone roller. Seal any edges of the flashing detail with StrongHold TPO Edge Sealant

NOTE: StrongHold TPO Cover Strip is slightly less tacky than traditional EPDM flashing and cover tapes. After installation, allow 24 hours for the cover strip to wet-in and build strength before testing the adhesion. When properly installed, StrongHold TPO Cover Strip will reach maximum strength approximately 7 days after installation.

Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

As with any roofing project, good roofing practices should always be followed.

STORAGE & HANDLING

Store StrongHold TPO Cover Strip locked up and in a dry, and temperature conditioned location. When stored in the original, unopened container between 40°F (4°C) and 110°F (43°C), the recommended shelf life is 24 months from the date of manufacture.

PRECAUTIONS

Not for use on PVC roof membranes. Do not use for detail flashing applications. Clean and dry surfaces are necessary for proper installation - talc, dust, oil, ice, snow, or wet conditions inhibit good adhesion.

Safety first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit www.bitec.com.

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Technical Schedule		
Base Polymer (Cover / Tape)	TPO / Polymer Blend	
Color	White	
TPO Cover Thickness	30 mil min	
Composite Thickness	55 mil min	
Ozone Resistance	No cracking	ASTM D 4419
Peel Strength	10 pli @ 70°F (21°C)	ASTM D413
Shear Strength	50-60 psi	ASTM D 816
Brittleness Temperature	-60°F (-51°C) - 70°F (21°C)	ASTM D 7426
Service Temperature	-40°F (-40°C) - 200°F (93°C)	ASTM D 3359
Application Temperature	40°F (4.4°C) - 120°F (49°C)	ASTM D 603
Shelf Life (unopened)	24 months	

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