CARLISLE
COATINGS & WATERPROOFING

WATERPROOFING
Sure-Seal® SecurTape™

Description

Let CCW simplify your next waterproofing installation with their Sure-Seal Pressure-Sensitive (PS) 3"- or 6"-wide SecurTAPE splicing tape. SecurTAPE offers uniform width and adhesive thickness and is manufactured using a clear poly film for application ease. SecurTAPE delivers 30% greater peel strength and 32% greater shear strength when compared to other tapes available in today's marketplace.

SecurTAPE is designed for use when splicing Sure-Seal EPDM, PRE-KLEENED™ EPDM Thru-Wall Flashing, CCW MiraPLY™ and MiraDRAIN®. SecurTAPE is used in conjunction with CCW's HP-250 or Low-VOC primer to bond EPDM membranes together in the field for long-term splice strength. CCW's SecurTAPE is also available factory applied to most EPDM membranes.

Features and Benefits

- Available in 3"- and 6"-wide by 100'-long rolls
- Manufactured using a clear poly film
- Excellent long-term splice strength
- Greater peel and shear strength than other tapes available in today's marketplace

Installation

1. Overlap the membranes the appropriate amount. For 3" (75 mm) SecurTAPE, overlap the membranes 4" (100 mm). For 6" (150 mm) SecurTAPE, overlap the membranes 7" (175 mm).

2. The entire surface where the PS SecurTAPE will be applied must be clean. The PS SecurTAPE will not adhere to dusted or dirty surfaces. Any residual contamination will be detrimental to the bond strength of the adhesive.

3. Remove all foreign material.

   a. Remove excess mica dust by brooming or wiping with a clean, dry rag or CCW HP Splice Wipe.

   b. The use of Weathered Membrane Cleaner may be necessary. This process is essential on membrane that has been exposed for a number of weeks.

Note: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are required for hand protection when cleaners or primers are being used.

   c. Allow the membrane to dry thoroughly before proceeding.

4. Mark the bottom sheet with a crayon approximately ¼" (6 mm) at the edge of the top sheet along the entire splice length as a guide to install the SecurTAPE.

5. Application of HP-250 or Low-VOC Primer:

   a. **Standard Membrane:** Apply the primer with a clean HP Splice Wipe (or equivalent). Scrub the area of the membrane (where the PS SecurTAPE is to be applied) in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed area will be uniform in color without streaks and free of globs or puddles.

   b. **PRE-KLEENED Membrane:** Roller-apply the primer to the membrane with a short nap-length paint roller. The coated area will be free of globs or puddles.

   Note: The use of excessive amounts of primer will not significantly enhance the adhesion of the PS SecurTAPE to the membrane. Use only the amount necessary to obtain 100% coverage of the area where the PS SecurTAPE will be applied.

6. Allow the primer to properly flash off until it does not transfer to a dry finger touch. Install the PS SecurTAPE as soon as the primer flashes off to minimize potential dust contamination and promote adhesion in colder weather.

7. Unroll approximately 3' (1 m) of SecurTAPE. Align the tape with a marked line and press tape down to bottom sheet using firm, even hand pressure. Continue for the length of the splice. Tape roll ends should be overlapped 1" (25 mm). Allow top sheet to rest on poly backing after application. A minimum of 1/8" (3 mm) to a maximum of ½" (12 mm) of tape must extend beyond the splice edge. A continuous piece of SecurTAPE must be used at all field and factory splice intersections.

8. Rolling the SecurTAPE with a 2"-wide hand roller after application to the primed substrate will significantly reduce the frequency of air blisters in the completed field seam.

9. Pull the poly backing from the SecurTAPE beneath the top sheet and allow the top sheet to fall freely onto the exposed tape.

10. Press top sheet onto tape using firm, even hand pressure across the splice towards the splice edge.

11. Immediately roll the splice with a 2"-wide roller using positive pressure. Roll across the splice edge, not parallel to it.

12. The use of Lap Sealant with SecurTAPE splices is optional except at cut edges of reinforced membrane (exposed scrim reinforcement and tape overlaps), where Lap Sealant must be utilized. Lap Sealant may be applied immediately following the completion of a SecurTAPE splice. See Lap Sealant TDS or appropriate detail for more information.

13. To achieve proper adhesion of the SecurTAPE when jobsite temperatures fall below 40°F (5°C), the following steps must be followed:

    a. Heat the primed area of the bottom membrane sheet with a hot-air gun as the SecurTAPE is applied and pressed into place.

    b. The tape must be rolled with a 2"-wide rubber hand roller prior to removal of the release liner when temperatures fall below 20°F (-7°C).

    c. Position the top sheet and strip the release liner per normal procedure.

    d. Prior to rolling the splice area with a 2"-wide steel hand roller, apply heat to the topside of the membrane with a hot-air gun. The heated surface should be hot to the touch. Be careful not to burn or blister the membrane.

Warnings and Hazards

Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.

Prolonged jobsite storage temperatures in excess of 90°F (32°C) will shorten product shelf life.

In warm, sunny weather, keep SecurTAPE rolls in their box in a shaded area until ready to use.

Storage and use of SecurTAPE at temperatures below 40°F (4°C) will result in a loss of tape tack and, in extreme cases, will result in no bond to the substrate. Overnight storage must be available to keep the temperature of the SecurTAPE at a minimum of 60°F (15°C). Hot boxes for jobsite storage must be provided to maintain a minimum tape temperature of 40°F (4°C).

SecurTAPE must be stored in a dry area.

Due to solvent flash-off, condensation may form on freshly applied primer when the ambient temperature is near the dew point. If condensation develops, the application of primer and SecurTAPE must be discontinued as proper adhesion will not be achieved. Allow the primer surface to dry and apply a thin freshener coat of primer to the previously coated surface and apply SecurTAPE when conditions allow.

KEEP OUT OF THE REACH OF CHILDREN.

Typical Properties

Property	3" SecurTAPE (75 mm)	6" SecurTAPE (150 mm)
Color	Black	Black
Base	Synthetic Rubber	Synthetic Rubber
Roll Size	100' (30 m) long	100' (30 m) long
Thickness	.030" (.75 mm)	.030" (.75 mm)
Packaging	4 rolls/carton	2 rolls/carton
Net weight per carton	26 lbs (12 Kg)	26 lbs (12 Kg)

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

LEED® Information	
Pre-consumer Recycled Content	4%
Post-consumer Recycled Content	0%
Manufacturing Location	Greenville, IL
Solar Reflectance Index (SRI)	N/A

Limited Warranty

Carlisle Coatings & Waterproofing Incorporated (Carlisle) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Carlisle materials prove to contain manufacturing defects that substantially affect their performance, Carlisle will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Carlisle with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. Carlisle specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Carlisle's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Carlisle material in question.