

CARLISLE'S PRESSURE-SENSITIVE SECURTAPE™ EPDM



Overview

Let Carlisle simplify your next GeoEPDM installation with its Pressure-Sensitive Sure-Seal® (black) 3"- or 6"-wide SecurTAPE. 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.

Intended Uses

Designed for use with Carlisle's GeoEPDM Systems, SecurTAPE is used in conjunction with Carlisle EPDM primers to fuse EPDM membranes together in the field for long-term splice strength.

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. Remove dirt and excess dust from the splice area by wiping with a clean rag. If necessary, clean the splice area thoroughly with weathered membrane cleaner. This process is essential on membrane that has been exposed for a number of weeks.
2. Mark the bottom sheet with a crayon at the edge of the top sheet along the entire splice length as a guide.
3. Application of Carlisle EPDM Primer:
 - a. Standard GEO EPDM Membrane: Apply the primer using a clean HP Splice Wipe. SCRUB the area of the membrane to be flashed in a circular motion to achieve a thin, even coating. The properly primed area will be uniform in color without streaks and free of globs or puddles.
 - b. Membrane cleaned with Weathered Membrane Cleaner: Roller apply the primer to the area of the membrane to be flashed with a short nap length paint roller. The coated area will be free of globs or puddles.
4. The entire surface where the tape will be applied must be cleaned and primed. The adhesive will not adhere to dusty/dirty surfaces. Any residual surface contamination will be detrimental to the bond strength of the adhesive.
5. Allow the Primer to dry until it does not transfer to a dry finger touch.
6. Install SecurTAPE immediately after 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) 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 steel OR rubber 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.

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**PRESSURE-SENSITIVE
 SECURTAPE™**

11. Immediately roll the splice with a 2" (50mm)-wide steel roller using positive pressure. Roll across the splice edge, not parallel to it.
12. To achieve proper adhesion of the SecurTAPE when job-site 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 steel OR rubber hand roller prior to removal of the release liner when temperatures fall below 20°F (-7°C).
 - c. Strip the release liner and position the top sheet per normal procedure.
 - d. Prior to rolling the splice area with a 2"-wide steel hand roller or Carlisle SeamRoller, apply heat to the top side 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.

GeoEPDM Pressure-Sensitive SecurTAPE

Typical Properties and Characteristics	3" SecurTAPE (76 mm)	6" SecurTAPE (152 mm)
Color	Black	Black
Base	Synthetic Rubber	Synthetic Rubber
Roll Size	100' (30.4 m) Long	100' (30.4 m) Long
Thickness	.030" (0.76 mm)	.030" (0.76 mm)
Packaging	4 Rolls per Carton	2 Rolls per Carton
Net Wt. Per Carton	26 lbs (12 Kg)	26 lbs (12 Kg)
Shelf Life	1 Year	1 Year

Precautions

1. Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
2. Prolonged job-site storage temperatures in excess of 90°F (32°C) may affect product shelf life.
3. In warm, sunny weather, keep SecurTAPE rolls in their box or in a shaded area until ready to use.
4. 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 job-site storage must be provided to maintain a minimum tape temperature of 40°F (4°C).
5. SecurTAPE must be stored in a dry area.
6. 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 since 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.
7. KEEP OUT OF THE REACH OF CHILDREN.