

TECHNICAL DATA BULLETIN

CLASSICBOND: SECUR TAPE

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GENERAL:

Classic Bond's SecurTAPE is a fully cured synthetic rubber product which is used for field seaming of cured EPDM membrane in Ballasted, Fully Adhered and Mechanically-Fastened Roofing Systems. SecurTAPE features a clear, durable poly release film and excellent long-term splice strength.

TYPICAL PROPERTIES AND CHARACTERISTICS:

3" SecurTAPE (76 mm)

Color:	Black
Base:	Synthetic Rubber
Roll Size:	100' (30.4 m) Long
Thickness:	.035" +/- .005" (0.76 mm)
Packaging:	4 Rolls Per Carton
Net Wt. Per Carton:	26 Pounds (12 Kg)
Shelf Life:	1 Year

CAUTIONS AND WARNINGS:

1. Review the applicable Material Safety Data Sheet for complete safety information prior to use.
2. Avoid prolonged contact with skin. In case of contact with skin, thoroughly wash affected area with soap and water.
3. Prolonged job site storage temperatures in excess of 90°F (32°C) may affect product shelf life.
4. In warm, sunny weather; keep SecurTAPE rolls in their box or in a shaded area until ready to use.
5. 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).
6. SecurTAPE must be stored in a dry area.
7. 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.
8. **KEEP OUT OF THE REACH OF CHILDREN.**

APPLICATION:*

1. Remove all foreign material by brooming or washing with water.
 - a. Excessive mica dust may be removed by brooming or wiping with a dry Classic Bond Splice Wipe.
 - b. If membrane is dirty, scrubbing with water and a detergent may be necessary. (Tide® and Lestoil® have proven effective for this purpose).
2. Mark the bottom sheet with a crayon at the edge of the top sheet along the entire splice length as a guide.

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3. Application of Classic Bond

- A. **Classic Bond Membrane** - Apply the primer using a clean Splice Wipe (or equivalent). SCRUB the splice area of both sheets of membrane in a circular motion to achieve a thin, even coating on the membrane. The properly cleaned/primed splice area will be uniform in color without streaks and free of globs or puddles.
 - B. **PRE-KLEENED Membrane** - Roller apply the primer to the splice area of both sheets with a short nap length paint roller. The primed area will be free of globs or puddles.
 4. Allow the Classic Bond Primer to dry until it does not transfer to a dry finger touch.
 5. 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.
 6. 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.
 7. Pull the poly backing from the SecurTAPE beneath the top sheet and allow the top sheet to fall freely onto the exposed tape.
 8. Press top sheet onto tape using firm even hand pressure across the splice towards the splice edge.
 9. Immediately roll the splice with a 2" (50 mm) wide steel roller, using positive pressure. Roll across the splice edge, not parallel to it.
 10. The use of Lap Sealant with SecurTAPE splices is optional except at cut edges of reinforced membrane (exposed scrim reinforcement), where Lap Sealant must be utilized. Lap Sealant may be applied immediately following the completion of a SecurTAPE splice.
 11. 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 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, 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.
 12. Install Elastoform or Pressure-Sensitive Flashing over all field splice intersections and tape end overlaps. Lap seal according to the detail.
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- * Review current Classic Bond Specifications and Details for specific application requirements.