

TRI-BUILT® MILLENNIUM EPDM Seam Tape

DESCRIPTION

TRI-BUILT® MILLENNIUM EPDM Seam Tape is an extruded, vulcanized, black pressure sensitive rubber adhesive tape designed to provide high strength, watertight seams for single ply EPDM roofing membranes. TRI-BUILT® MILLENNIUM EPDM Seam Tape is soft and tacky providing a quick grab onto EPDM field membranes, yet possesses high initial strength. TRI-BUILT® MILLENNIUM EPDM Seam Tape also exhibits excellent adhesion to polar and nonpolar substrates such as glass, metals, wood, concrete, masonry and some plastics.

BASIC USE

TRI-BUILT® MILLENNIUM EPDM Seam Tape is designed for field splicing of EPDM membranes.

SURFACE PREPARATION

All work surfaces should be clean, dry, and free of dirt, dust, debris, oils, un-adhered coatings, deteriorated membrane and other contaminants that may result in a surface that is not sound or is uneven. If necessary, clean the surface to receive the TRI-BUILT® MILLENNIUM EPDM Seam Tape with an approved EPDM membrane cleaner.

SAFETY

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

LIMITATIONS

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

COLOR

Black



FEATURES	BENEFITS
UL and FM approved	Proven performance
OEM grade	Industry standard quality
No VOC's	Environmentally safe
Quick and easy installation	Saves time and labor
Excellent tack	Immediate green strength
No torch or liquid adhesives required	Improved safety
Water-tight seams	Suitable for roofing or pond lining applications

PACKAGING & COVERAGE

TRI-BUILT® MILLENNIUM EPDM Seam Tape is available in the following size:

Width	Length	Part #	Rolls/Case
3 inch	100 ft.	34950250	4

Consult with your technical sales representative regarding the availability of Millennium EPDM Seam Tape in additional widths.

STORAGE & SHELF LIFE

Store material in original unopened packaging at temperatures between 40°F-110°F. Shelf life is 12 months when stored as recommended.

CAUTION: All statements and technical information in this document are based on tests or data that TRI-BUILT® MATERIALS GROUP, LLC believes is reliable. However, TRI-BUILT® MATERIALS GROUP, LLC does not warrant or guarantee the accuracy or completeness of this information. The user has sole knowledge and control of factors that can affect the performance of TRI-BUILT® MATERIALS GROUP, LLC products in the user's intended application. It is the user's responsibility to conduct tests to determine the compatibility of TRI-BUILT® MATERIALS GROUP, LLC product with the design, structure, and materials of the user's end product and the suitability of TRI-BUILT® MATERIALS GROUP, LLC product for the user's method of application and intended use. The user assumes all risk and liability arising out of such use.

TRI-BUILT® MILLENNIUM

APPLICATION

1. The entire surface where TRI-BUILT® MILLENNIUM EPDM Seam Tape will be applied must be cleaned and primed.
2. Mark the membrane where the edge of the splice occurs and then fold the top portion back. Apply EPDM primer to both sides of membrane using the supplied scrub pad. Scrub the membrane thoroughly while the primer is wet moving up and down the seam area. NOTE: Use caution when installing at temperatures below 40°F (5°C) to prevent blushing of EPDM primer (formation of condensation on surface of primer).
3. Allow the primer to dry to the touch (no material transfer, typically less than 20 minutes). Dry time will vary depending on ambient temperature and humidity.
4. Position the TRI-BUILT® MILLENNIUM EPDM Seam Tape over the primed splice area along the marked edge. Press in by hand. Verify that approximately 1/8" (0.3cm) of tape extends beyond splice edge.
5. Roll the top surface of the release liner to promote adhesion to the bottom substrate.
6. Allow the EPDM membrane to fall freely onto the Seam Tape. Remove release liner at a 45° angle.
7. Immediately roll the splice with a 2" (5.08cm) wide silicone roller. Roll perpendicular to splice edge.



Technical Data

Typical Physical Properties and Characteristics		
	Typical Values	Test Method
Base Polymer	EPDM	FTIR
Color	Black	Visual
Peel Strength on EPDM	10 pli @ 70°F	ASTM D 413
Shear Strength on EPDM	20 psi @ 70°F	ASTM D 816
Brittleness Temperature	-50°F	ASTM D 746
Tensile Strength	40 psi min.	ASTM D 412
Elongation	>1000%	ASTM D 412
Application Properties		
Service Temperature	-40°F to 200°F	ASTM D 3359
Application Temp	40°F to 120°F	ASTM D 603

NOTE:

The foregoing information is published as general information only. The listed properties and performance characteristics are typical values and are not to be interpreted as manufacturing specifications.

PRODUCT WARRANTY DISCLAIMER

TRI-BUILT® MATERIALS GROUP, LLC warrants its product(s) for a period of 2 years against manufacturing defects that directly result in leakage. In case of defect, TRI-BUILT® MATERIALS GROUP, LLC, at its sole option, will repair or replace the material, excluding the cost of labor to perform those tasks. TRI-BUILT® MATERIALS GROUP, LLC DISCLAIMS ALL IMPLIED WARRANTIES. Warranty coverage is an annually declining pro-rated warranty.