



TECHNO RUBBER COMPANY
WATERPROOFING SYSTEMS

3" SEAM TAPE

PRODUCT INFORMATION

TRC Seam Tape is a black, vulcanized rubber, pressure-sensitive adhesive tape designed to provide high strength, watertight seams for single ply EPDM roofing membranes. TRC Seam Tape is soft and tacky providing a quick grab onto EPDM field membranes, yet possesses high initial strength. TRC Seam Tape exhibits excellent adhesion to most substrates including glass, metals, wood, concrete, masonry and some plastics. This tape will provide OEM quality performance for EPDM single-ply restoration projects. TRC Seam Tape is designed for field splicing of EPDM membranes.

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

APPLICATION GUIDELINES

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 TRC Seam Tape with an approved EPDM membrane cleaner.

1. The entire surface where TRC 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 TRC primer to both sides of membrane using the a scrubber 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 (4°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 TRC 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.
 8. Seal edge of seam detail with patented EPDM Edge Sealant.
- *Note: Primer is designed to dry with little or no tack. When dry, the primed seam area will feel completely "clean" to the touch. Other primers are designed to remain "tacky" to the touch in the dry state. With all primers, allow up to 24 hours after installation and rolling for taped seam to build maximum strength.

STORAGE AND SHELF LIFE

Store material in original unopened packaging at temperatures between 40°F-110°F (4°C - 43°C). Shelf life is 24 months when stored as recommended.

SAFETY

Prior to working with this or any adhesive 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.
- Not for use on PVC or TPO membranes.

TECHNICAL SPECIFICATION

TYPICAL PHYSICAL PROPERTIES AND CHARACTERISTICS

NO.		Typical Values	Test Method
1	Base Polymer	EPDM	FTIR
2	Colour	Black	Visual
3	Peel Strength on EPDM	10 pli @ 70 F (21°C)	ASTM D 413
4	Shear Strength on EPDM	20 psi @ 70 F (21°C)	ASTM D 816
5	Brittleness Temperature	-50 F (-46°C)	ASTM D 746
6	Tensile Strength	40 psi min.	ASTM D 412
7	Elongation	>1000%	ASTM D 412

APPLICATION PROPERTIES

NO.		Typical Values	Test Method
1	Service Temperature	-40 F to 200 F (-40 C TO 49°C)	ASTM D 3359
2	Application Temp	40 F TO 120 F (4 C to 49°C)	ASTM D 412

The information presented on this data sheet is not intended as a formal technical specification and should only be taken as a guideline. We recommend that adhesion tests are carried out before application. Should you have any queries please contact our technical department for further assistance. If you require assistance in the form of on-site bond testing for commercial projects please contact our head office for further information. Please note for some existing substrates such as PVC, TPO etc. a primer would be required prior to use of this adhesive, contact us for information on our range of primers.