

TRA Elastomeric Sheeting

A Reinforced Single Ply Membrane

FEATURES

Hot or cold applied
Hot applied in THERMastic
EPDM/SBR
Woven polyester scrim

BENEFITS

- Versatile application
- Efficient/labor saving application method
- Combines high strength polymer blend with weatherability
- Polymer blend is compatible with asphalt
- Provides flexibility and durability
- Superior tensile and tear strength for high stress applications

DESCRIPTION

TRA Elastomeric Sheeting is compounded from a blend of EPDM and SBR thermoset elastomers. This sheet is reinforced with a high strength polyester woven scrim.

BASIC USES

TRA Elastomeric Sheeting is designed for use as an inverted roofing system adhered with Trem-Lar, THERMastic or other approved adhesives. TRA can also be used as a reinforced flashing sheet for hot application in THERMastic or in cold adhesives including Sheeting Bond and Polyroof LV.

PACKAGING

TRA Elastomeric Sheeting is available in 20" and 30" X 50' rolls (508 mm, and 762 mm X 15.24 m rolls). Also available in 60" x 100' (1524mm x 30.48mm) rolls.

PACKAGING

Black

APPLICATION (Flashings)

The following application information is designed to serve as a general guide. Your local Tremco Representative will prepare detailed specifications based on the condition of your roof.

Surface Preparation: Remove all dirt, dust, and other loose debris from the roof. Spud back all embedded gravel from the area. Area should be prepared down to a clean, sound, dry base.

Hot (SEBS Modified Asphalt) Application:

1. Plan installation of TRA Elastomeric Sheeting so flashing height is between 8" and 12" (203mm and 305mm) off the roof membrane and the sheeting extends 6" (152mm) from the base of the cant onto the roof system. In addition, all vertical end laps shall be overlapped a minimum 4" (102mm).
2. For hot application, apply approved adhesive to the area in a uniform and continuous coverage.
3. Immediately embed TRA Elastomeric Sheeting in the hot application of approved adhesive.
4. Apply consistent pressure to the TRA Elastomeric Sheeting to achieve full adhesion of the sheet to the flashing substrate. Sheeting must fully conform to all angle changes, with no bridging or voids.
5. Secure top edge of TRA Elastomeric Sheeting to wall by nailing on 6" (152mm) centers or by using a termination bar fastened on 8" (203mm) centers.
6. Strip in base of flashing to roof system, using a three course application of approved adhesive and 6" (152mm) PolyTHERM roofing felt. As an alternate, strip in base of flashing with a five course stripping of approved adhesive and THERMglass Type VI Roofing Ply.
7. Strip in vertical flashing laps with BURmesh set in Sheeting Bond, followed by Polyroof LV or approved elastomeric mastic.

Cold Adhesive Application:

1. Plan installation of TRA Elastomeric Sheeting so flashing extends 6" (152mm) from the base of the cant onto the roof system and all vertical end laps are overlapped a minimum 4" (102mm).
2. For cold application, apply Sheeting Bond, Polyroof SF, or approved elastomeric mastic to the flashing area in a uniform and continuous coverage.
3. Leave Sheeting Bond exposed 15 minutes minimum prior to membrane application. Adjust open time depending on ambient conditions.
4. Adhere TRA Elastomeric Sheeting in flashing adhesive. Apply consistent pressure to achieve full adhesion of the sheet to the flashing substrate. Sheeting must fully conform to all angle changes, with no bridging or voids.
5. Secure top edge of TRA Elastomeric Sheeting to wall by nailing on 6" (152mm) centers

TRA Elastomeric Sheeting

APPLICATION

CONTINUED

or by using a termination bar fastened on 8" (203mm) centers.

- Strip in base of flashing to roof system and vertical flashing laps, using a three course application of BURmesh set in Sheeting Bond, followed by Polyroof LV or approved elastomeric mastic.

THERMastic: 25 lbs/SQ. (1.25 kg/m²)

Cold Adhesive: 15 sq ft/gal (0.3 m²/L).

Coverage rates will vary depending on ambient temperature and actual surface conditions.

COVERAGE RATES

SURFACING

TRA Elastomeric Sheeting can be coated with a reflective roof coating. Two coats are recommended for best coverage. Maintenance will be required to maintain coating over time. A STAIN-BLOCKING COATING OR PRIMER IS REQUIRED PRIOR TO APPLYING WATER-BASED ACRYLIC COATING TO TRA ELASTOMERIC SHEETING.

LIMITATIONS

- Not for use with standard grade ASTM D 312-84 hot roofing asphalt.
- Minimum flashing height is 8" (203 mm) from the roof surface.
- For hot applied flashings, maximum flashing height is 12" (305 mm).
- Lap seams are not intended for construction with hot air (heat) welding equipment.
- Do not install sheet where it will be subject to contact with grease or oil.
- Where chemicals, exhaust fumes, organic materials, or solvent exposure may be present, contact your local Tremco Representative for specific recommendations.
- Do not use acrylic latex coatings as a surface coating, since these discolor when applied over TRA Elastomeric.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE	TEST METHOD
Breaking strength	350 lbf (1550N) MD, 300 lbf (1330N) XMD	ASTM D 751
Tear strength	77 lbf (342N) MD, 77 lbf (342N) XMD	ASTM D 751
Elongation	31% MD, 35% XMD	ASTM D 751
Low temperature flexibility	-40°F (-50°C) pass	ASTM D 2136
Thickness	0.045" (1.1mm)	ASTM D 751
Weight	41.6 oz/sq yd, (1422 g/m ²), (0.29 lbs/ft ²)	ASTM D 751

MAINTENANCE

Your local Tremco Roofing Sales Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing Sales Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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