

Millennium Reinforced Perimeter Strip (RPS)

Description

Millennium Reinforced Perimeter Strip consists of reinforced EPDM membrane strip laminated with a 35 mil EPDM based pressure sensitive tape adhesive. The reinforced EPDM membrane is 6" (15.24 cm) wide mated to a 3" (7.62 cm) wide pressure sensitive tape. This tape is comprised of a vulcanized rubber adhesive that will provice OEM quality performance for EPDM single-ply restoration projects.

Basic Use

Millennium Reinforced Perimeter Strip is designed for non-penetrating securement of the EPDM membrane in ballasted, fully adhered, and mechanically fastened roof systems.

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.

Safety

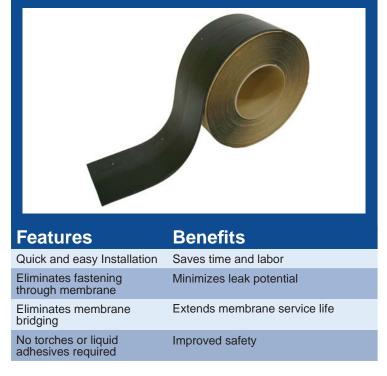
Prior to working with this or any adhesive product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

Limitations

- Not to be used without mechanical fasteners.
- Not for use with PVC membrane.
- Not for use with TPO membrane.
- Talc dust, oil, ice, snow or wet conditions inhibit good adhesion to the pressure sensitive tape. Clean and dry surfaces are necessary for proper installation of this product.

Color

Black



Packaging and Coverage

Millennium Reinforced Perimeter Strip is available in the following size:

Widths North America	<u>Length</u>	Part #	Rolls/ Case		
6 inch (152mm)	100 ft. (30.48m)	ET-0554-06PL	2		
Europe, CIS, and Middle East					
6 inch (152mm)	100 ft. (30.40m)	ET-0554-06EU	2		

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.

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Application

- 1. Place the Millennium Reinforced Perimeter Strip horizontally or vertically in the angle change with the pre-applied tape in the horizontal position and facing up.
- Install seam fastening plates and screws, a maximum of 12" (30.48cm) o.c. Use fastener placement markings on EPDM sheet as a guide.
- 3. Clean portion of EPDM field membrane that will be adhered over Millennium Reinforced Perimeter Strip.
- 4. Apply EPDM Primer on portion of EPDM field membrane that will be adhered to the Reinforced Perimeter Strip utilizing the supplied pad. Scrub the membrane in a circular motion.
- 5. 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.
- Once the primer is dry immediately install EPDM membrane. Remove release liner and set the EPDM membrane onto the Millennium Reinforced Perimeter Strip and press in by hand.
- 7. Once the release liner has been removed, reinforce the field membrane to tape bond by rolling with a 2" (5.08cm) wide silicone roller.
- 8. Gently pull the EPDM field membrane back to the adhered tape line to expose the un-adhered portion of the EPDM field membrane. Install EPDM membrane manufacturer's recommended bonding adhesive to the parapet wall, the exposed mechanically fastened portion of the Millennium Reinforced Perimeter Strip, and to the underside of the field membrane.
- Once adhesive has dried roll the field membrane in place for 100% adhesion through the elevation transition.





Technical Data

Typical Physical Properties and Characteristics			
	Typical Values	Test Method	
Base Polymer (Cover & Tape)	EPDM	FTIR	
Color (Cover & Tape)	Black	Visual	
Peel Strength	10 pli @ 70°F (21°C)	ASTM D 413	
Shear Strength	20 psi @ 70°F (21°C)	ASTM D 816	
Brittleness Temperature	-50°F (-46°C)	ASTM D 746	

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.

Code #0019-0514

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