



EPDM RESTORATION

# 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. 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 provide 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.

### STORAGE

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.

### COLOR

Black

### SAFETY

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

### PACKAGING AND COVERAGE

Millennium Reinforced Perimeter Strip is available in the following size:

#### NORTH AMERICA

Width	Length	Part #	Rolls/Case
6 inch (152mm)	100 ft. (30.40m)	ET-0554-06	2

#### EUROPE, CIS, AND MIDDLE EAST

Width	Length	Part #	Rolls/Case
6 inch (152mm)	100 ft. (30.40m)	ET-0554-06EU	2

### FEATURES

### BENEFITS

Quick and easy installation	Saves time and labor
Eliminates fastening through membrane	Minimizes leak potential
Eliminates membrane bridging	Extends membrane service life
No torches or liquid adhesives required	Improved safety



## 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.
2. 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 Millennium Single-Ply Primer or Primer 240 (LVOC) 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.
6. 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.
9. Once adhesive has dried roll the field membrane in place for 100% adhesion through the elevation transition.

## 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.

## 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.

## 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.



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