

TPO RESTORATION

Cool Cover™ TPO Cover Tape Safety Yellow



DESCRIPTION

Cool Cover™ TPO Cover Tape - Safety Yellow consists of 30 mil TPO membrane that has been laminated to a 25 mil pressure sensitive white tape. The tape is comprised of vulcanized rubber adhesive that will provide OEM quality performance for TPO single-ply restoration projects.

BASIC USE

Cool Cover™ TPO Cover Tape-Safety Yellow is designed to cover, protect, and seal mechanical fastening bars, membrane fasteners, core sample repair patches, membrane repairs, and seam overlays in all TPO roofing systems. The Cover Tape is highly useful for metal edge tie-ins where heat-weldable cover strips require pretreated metal. The product is also used to repair cracked seams and other surface defects on aged TPO field membranes, to which heat welding is difficult.

The product is designed to provide a clearly visible indicator of the roof edge, elevation changes and designated walk or no-walk areas. It may also find use in highlighting skylights or other potential rooftop hazards.

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.

COLORS

- 30 mil Safety Yellow TPO backer laminated to white tape

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

Cool Cover™ TPO Cover Tape - Safety Yellow is available in the following sizes:

NORTH AMERICA

Width	Length	Part #	Rolls/Case
Safety Yellow			
5.5 inch (140mm)	100 ft. (30m)	ET-8910-5.5	2

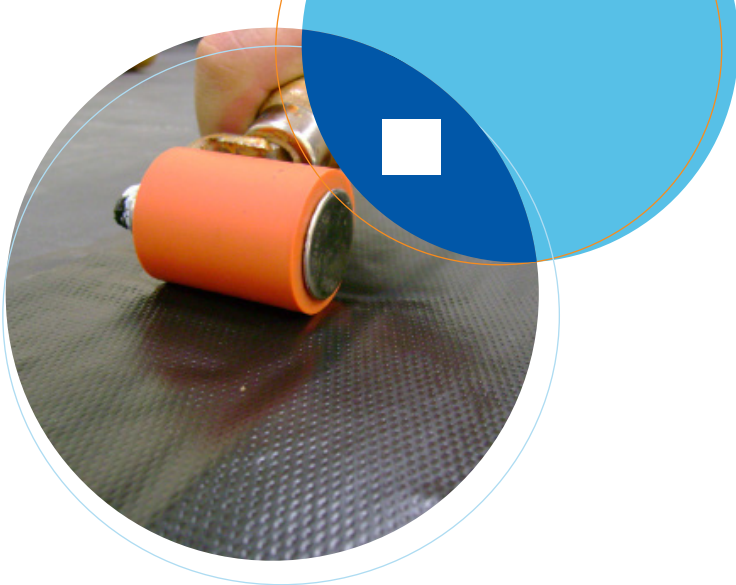
EUROPE, CIS, AND MIDDLE EAST

Width	Length	Part #	Rolls/Case
Safety Yellow			
140mm (5.5 inch)	30m (100 ft.)	ET-8910-5.5EU	2

FEATURES

BENEFITS

Resistant to UV light, high heat and moisture	Long-term durability
Excellent adhesion to TPO and metal	Useful for metal edge tie-ins with untreated edging
Adheres to aged TPO	Useful when membrane can no longer be heat welded
Fast installation	Saves time and labor
Waterproof detail	Suitable for roofing and waterproofing applications



APPLICATION

1. Clean entire surface where Cool Cover™ TPO Cover Tape will be applied.
2. Apply Millennium Single-Ply Primer or Millennium Primer 240 to entire surface to be covered using the supplied scrub pad. NOTE: Use caution when installing at temperatures below 40°F (5°C) to prevent blushing of Single-Ply 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. Once the primer is dry immediately install Cool Cover™ TPO Cover Tape.
5. Position Cover Tape over primed area and remove release liner at 45° angle while pressing down cover strip by hand.
6. Roll the Cover Tape with a 2" (5.08cm) wide silicone roller.
7. Seal edges of cover detail with patented Cool Cover™ TPO Edge Sealant.*

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 cover with an approved TPO membrane cleaner.

LIMITATIONS

- Not for use on PVC membranes.
- 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 of this product.

TECHNICAL DATA

Typical Physical Properties and Characteristics		
	Typical Values	Test Method
Base Polymer (Cover)	TPO	FTIR
Base Polymer (Tape)	Polymer blend	FTIR
Color (Cover & Tape)	Safety Yellow	Visual
TPO Cover Thickness	30 mil min	Micrometer
Composite Thickness	55 mil min	Micrometer
Ozone Resistance	No Cracking	ASTM D 4419
Peel Strength	10 pli @ 70°F (21°C)	ASTM D 413
Shear Strength	50 - 60 psi	ASTM D 816
Brittleness Temperature	-60°F to 70°F (-51°C to 21°C)	ASTM D 7426
Application Properties		
Service Temperature	-40°F to 200°F	ASTM D 3359
Application Temperature	40°F to 120°F	ASTM D 603

NOTE:

Millennium Single-Ply Primer and Millennium Primer 240 Low VOC Single-Ply Primer are designed to dry with little or no tack. When dry, the primed area will feel completely "clean" to the touch. These primers are different than traditional EPDM primers that are designed to remain "tacky" to the touch in the dry state. Do not use pigmented EPDM primers on TPO Single Ply membranes.

Cool Cover™ TPO Cover Tape is also slightly less tacky than traditional EPDM Flashing and Cover Tapes. After priming the TPO membrane, installing Cool Cover™ TPO Cover Tape, and rolling in the cover tape, allow 24 hours for the cover tape to wet-in and build strength before testing the detail's adhesion. The properly installed Cool Cover™ TPO Cover Tape will achieve maximum strength 7 days after installation. However, the initial strength of the properly installed cover flashing will maintain the intended waterproofing integrity immediately after installation, and for years to come.



*US 6,642,296 B2; US 6,291,571 B1



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