

Get the Royal Edge Advantage with RPI



RE-FLEX TPO WALKWAY ROLL

RPI RE-FLEX TPO MEMBRANES

DESCRIPTION

RPI Re-Flex TPO Walkway Roll membrane is designed to be installed as a protective material in traffic areas such as roof access and ladder step-off points, and to define rooftop maintenance traffic paths. part of Energy Star rated alternative to other low slope roofing systems. Re-Flex TPO provides the benefits of a white reflective membrane that can be installed with RPI Re-Flex Seam Tapes, Flashings and Accessories, or heat welded.



THE RPI ROYAL EDGE ADVANTAGE

- Available in white, tan, and gray colors to easily define traffic areas.
- Installed using RPI Re-Flex Seam Tapes and Flashings or Heat Welding resulting in a high performance system and ease of installation.
- Highly resistance to outdoor weathering and UV radiant exposure without cracking or crazing.
- Excellent resistance to chemicals, acids, restaurant exhaust, and petroleum based products.
- Reduces carbon footprint by lowering air conditioning costs.
- A complete line of UL and FM approved Re-Flex TPO flashings, adhesives and accessories.

APPLICATION INSTRUCTIONS

RPI Re-Flex TPO is designed to be installed as part of a fully adhered or mechanically attached system using RPI adhesives, Flashings, Tapes, and other accessories. Refer to RPI Specification Manual for more complete installation details.

1. Lay out the Walkway Roll to the desired position. Cut the roll into lengths no longer than 10ft. and position the sections with a minimum of 1" space between the sections. Do not install the Walkway Roll over a filed seam. Maintain a minimum space of 4" from any field seam edge to allow access to the seam for repair or maintenance. The space between sections allows for drainage.
2. Clean the field membrane at the seaming areas with Weathered Membrane Cleaner.
3. When heat welding; an automatic welder is recommended. Weld all four sides of the Walkway Roll to the field membrane. Check welder seam performance with a test weld before proceeding.

INSTALLATION PRECAUTIONS

Due to Re-Flex TPO,s highly reflective surface, UV filtering sunglasses should be worn during installation. Allow the Walkway Rolls to warm in the sun prior to welding. When possible, weld the rolls when the ambient temperature is above 60° F.

Walkway Rolls must not be installed within 10 ft. of a roof perimeter.

Maintain a clean work area, free of debris.

Ice or frost may remain under scraps of membrane causing a hazardous condition.

When installation temperatures are at 50° F or falling, the following seaming procedures are required when using RPI Re-Flex Tapes.

1. Using a hot-air gun, warm the primed area of the bottom sheet as the tape is applied and pressed into place.
2. Prior to hand rolling the top sheet seam area into position, apply heat to the top side of the membrane, warming the sheet. Caution: The sheet should not be hot to the touch. Do not overheat, burn, or blister the membrane.
3. To ensure complete and proper adhesion in cold weather applications (temperature of 50° F or lower), keep the flashings stored in a warming box until installation. The primed area and flashing membrane may be warmed with a hot- air gun while installing the flashings.

Typical Properties and Characteristics

Physical Properties	Test Method	Typical Properties	
		Minimum	Maximum
Dimensional Conformance Thickness, in. (mm)	ASTM D412	0.160 (4.06)	0.180 (4.5)
Density, lbs./ft:	ASTM D792	80.5	
Tensile Strength, lbf/in	ASTM D638	600	
Tear Strength, lbf/in	ASTM D624		
Weight (each)	97 lbs.		
Roll Size	34" width x 50' length		
Thickness	80 mil top/bottom 170 overall		
Packaging	9 rolls per skid		
Color	White, Gray, Tan		

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.