

TECHNICAL INFORMATION SHEET

UltraPly™ TPO Premium Walkway Pad

TIS #1506

Item Number: W56TPO3019P

Description:

The Firestone UltraPly TPO Premium Walkway Pad is a non-reinforced walkway composed of thermoplastic material. The pad is produced into 30" (0.76 m) wide by 50' (15 m) long rolls. The pad has a textured surface and a smooth bottom surface for easy welding to UltraPly TPO roof membrane.

The walkway pad or acceptable paver is recommended in areas where necessary rooftop traffic will occur to help protect the roofing system from unnecessary damage as follows:

- At all access points (ladders, hatches, doorways, etc.) to the roof.
- As a walkway system on roofs subjected to traffic more frequently than once per month.
- Around rooftop equipment that requires periodic maintenance.

**Method of Application:**

1. Ensure membrane surface is clean, completely dry and free of debris.
2. Place the UltraPly TPO Premium Walkway Pad over the UltraPly TPO membrane with the textured side up. Cut the material into lengths that can be easily handled. After cutting, allow walkway pad to relax 1-2 hours before installation.
3. The UltraPly TPO Premium Walkway Pad should be installed in 10' (3 m) long sections with a space between each section to allow for proper drainage. Lay the pad out so that it does not result in ponding water.
4. **Do not apply walkway pad over UltraPly TPO membrane seams.**
5. Walkway pad may be installed by:
 - a. Heat welding the perimeters of each UltraPly TPO Premium Walkway Pad section to the UltraPly TPO roof membrane. To achieve the best aesthetic quality, weld when ambient temperature is above 80 °F (27 °C). Welder temperature settings will vary with the ambient conditions.
 - b. The previous installation option (a.) may be enhanced to reduce potential "expansion" wrinkling of the walk pad following application by adhering the center of the walk pad to the deck membrane with UltraPly TPO Bonding Adhesive or Single-Ply LVOC Bonding Adhesive per Firestone specifications prior to welding the perimeter of the walk pad to the membrane. Application temperature 40 °F (4 °C) and rising.
 - c. Applying Firestone QuickSeam™ 3" Splice Tape to bottom surface of pad using Single-Ply QuickPrime™ Primer per Firestone Specifications. Attach 3 strips of tape, 1 - center and 2 - perimeter.

NOTE: The expansion rates of the walkway pad and the TPO membrane may differ. This may result in fullness of the walkway pad on hot days. This is a normal characteristic of the product and does not indicate a performance issue. If a perfectly flat surface is desired, then consider using an approved slip sheet and paver assembly.

Storage:

Store material in original unopened packaging in a dry area away from sources of physical damage or chemical contamination.

Precautions:

- Do not expose walkway material to any open flames or ignition sources.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

Compliance:

Post Consumer Recycled Content: 0%
Pre Consumer Recycled Content: 0%
Manufacturing Location: Waltham, MA

Packaging:

Roll 30" (0.76 m) wide x 50' (15 m) long 0.156" (4 mm) thick
Weight 74 lbs (34 kg)

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Physical Properties:	Test Method	Value
Overall Thickness	ASTM D 751	0.156" ± 0.010" (4 mm ± 0.25 mm)
Elongation @ Break	ASTM D 412 (Method A)	300%
Tearing Strength	ASTM D 624	250 lbf/in (43.8 kN/m)
Linear Dimensional Stability	ASTM D 1204	0 ± 0.5% (2h, 158 °F)
Accelerated Weathering	ASTM G 155	5,000 hrs, 10X Magnification, No Cracks
Color		Light Gray
Solar Reflectance:	ASTM E903	0.31
Thermal Emittance:	ASTM E408	0.95
Solar Reflectance Index (SRI):	ASTM E1980	35

Please Contact your Firestone Roof Systems Advisor at 1-800-428-4511 for further information.

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