

# TECHNICAL INFORMATION SHEET

## UltraPly™ TPO Walkway Pad

**Item Description**

1 Roll: 30" x 50' (76 mm x 15 m)

**Item Number**

W56TPO3024



### Product Information

**Description:**

The Firestone UltraPly TPO Walkway Pad is a reinforced walkway composed of white thermoplastic material. The pad is produced into 30" (76 mm) 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 required at all access points (ladders, hatches, doorways, etc), and is recommended in other areas where necessary rooftop traffic will occur to help protect the roofing system from damage as follows:

- As a walkway system on roofs subjected to traffic more frequently than once per month.
- Around rooftop equipment that requires periodic maintenance.

### Product Packaging

1 Roll:	30" x 50' (762 mm x 15 m)
Roll Weight:	74 lb (34 kg)
Coverage Rate:	125 ft <sup>2</sup> per Roll

**Method of Application:**

1. Ensure membrane surface is clean, completely dry and free of debris.
2. Place the UltraPly TPO Walkway Pad over the UltraPly TPO membrane with the textured side up. Cut the material into lengths that can be handled easily. Allow the pad to relax prior to installation.
3. Install the UltraPly TPO Walkway Pad in maximum 10' (3 m) long sections with a space between each section to allow for proper drainage. Position the pad so that it does not result in ponding water.
4. Avoid applying the walkway pad over UltraPly TPO membrane seams.
5. Fully heat weld the perimeter of each section of UltraPly TPO Walkway Pad to the UltraPly TPO roof membrane, leaving one or two 1" gaps in the weld at the low side of the pad to allow for the escape of inadvertent moisture. To achieve the best aesthetic quality, weld when ambient temperature is between 60 and 80 °F (16 and 27 °C). Welder temperature settings will vary with the ambient conditions.

**Storage:**

- Store away from sources of punctures and physical damage.
- Assure that structural decking will support the loads incurred by material when stored on rooftop. The deck load limits should be specified by the project designer.
- Store away from ignition sources as membrane will burn when exposed to open flame.

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### Precautions:

- Refer to Safety Data Sheet (SDS) prior to material handling or installation.
- Do not expose walkway material to any open flames or ignition sources.

### LEED® Information:

Post Consumer Recycled Content: 0%  
 Post Industrial Recycled Content: 0%  
 Manufacturing Location: Wellford, SC

\*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.

<u>Compliance</u>	<u>Test Method</u>	<u>Result</u>
Solar Reflectance	ASTM E903	75%
Thermal Emittance**	ASTM E408	0.95
Solar Reflectance Index (SRI)***	ASTM E1980	94

\*\*Values were obtained from independent testing by Atlas Material Testing DSET Laboratories.

\*\*\*SRI was calculated using the SRI calculator from the USGBC.

### Typical Properties

<u>Property</u>	<u>Test Method</u>	<u>Typical Performance</u>
Color	N/A	White
Overall Thickness	D751	0.156" ± 0.010"
Elongation at Break	D412	300%
Tearing Strength	D624	250 lbf/in
Linear Dimensional Stability	D1204	0 ± 0.5%
Accelerated Weathering	G155	5,000 hours, 10x Magnification, No Cracks

Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*