

Technical Information Sheet



UltraPly™ TPO Walkway Pad

Item Description	Item Number
1 Roll: 30" x 50' (76 mm x 15 m)	W56TPO3024

Description

The Elevate UltraPly TPO Walkway Pad is a reinforced walkway composed of white thermoplastic material. The pad is produced into 30" (762 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 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.

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 and detail flashings.
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.

Precautions

- Do not expose walkway material to any open flames or ignition sources.
- Refer to Safety Data Sheets (SDS) for additional safety information.

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

Typical Properties		
Properties	Test Method	Typical Performance
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 hr, 10X Magnification, No Cracks
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	
1 Roll	30" x 50' (762 mm x 15 m)
Roll Weight	74 lb (34 kg)
Coverage Rate	125 ft ² per Roll

Please contact Holcim Technical Services at 800-428-4511 for further information.

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