



UltraPly™ TPO Walkway Pad

Firestone Item Number: W56TPO3020

DESCRIPTION:

Firestone UltraPly™ TPO Walkway Material is composed of 100% recycled thermoplastic materials and processed into 50-foot long rolls. Each walkway roll has been produced with low profile anti – slip skid design to improve traction. UltraPly TPO Walkway Material shall be installed to the UltraPly TPO roofing membrane by heat welding directly to TPO membrane with the appropriate heat welding equipment. UltraPly TPO Walkways are required in areas where necessary rooftop traffic will occur and will help protect the roofing system from unnecessary damage. It is the building owner's responsibility to maintain the walkway system in the following designated areas.

1. At all access points (ladders, hatches, doorways, etc.) to the roof.
2. As a walkway system on roofs subjected to traffic more frequently than once per month.

METHOD OF APPLICATION:

1. Place the UltraPly TPO Walkway material over the TPO Roofing System with the pattern side up. Cut the material into lengths that can be easily handled.
2. Heat weld the perimeters of each TPO Walkway Pad section to the UltraPly TPO roof membrane using techniques similar to splicing of the UltraPly TPO Roofing System membrane panels.
3. Special attention must be given when welding occurs over roof membrane seams, to assure that a proper weld is achieved, and no damage to the membrane seams occurs.

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PRODUCT DATA

Roll Size: 30" (762 mm) wide x 50' (15.24 m) long
.130" (3.3 mm) thick

Product Code: TPO 3020

PHYSICAL PROPERTIES:

Property	Test Method	Min. Performance
Tensile	ASTM D-638	1000 psi (70 Kg/cm ²)
Tearing Strength	ASTM D-751	35 lbf minimum (16 Kgf)
Ozone Resistance 28 days/100 pphm @	ASTM D-1149 Method B 100° F	No Cracks (7x magnification)
Heat Aging Weather Resistance (no cracks, chalk, discoloration at 15X magnification)	ASTM D-3045 ASTM G-53 (UV-B, 8 hours, 70° C / condensate, 4 hrs, 50° C) 5000 hrs total	90% minimum Pass
Water Immersion (weight change)	ASTM D-570 7 days @ 158 °F	1.0 % maximum
Tolerance on Nominal Thickness	ASTM D-751	±10%
Linear Dimensional Change	ASTM D-1204 1 hr. @212° F 6 hr. @176° F	0.5% maximum 0.3% minimum
Low Temperature Flex	ASTM D-2136	40 °F

PRECAUTIONARY DATA:

1. Do not expose walkway material to any open flames or ignition sources.
2. Refer to Material Safety Data Sheets for all applicable components of the UltraPly TPO System.

LEED INFORMATION:

Post Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Location: Richmond, IN

Firestone Building Products Company
A Division of BFS Diversified Products, LLC
310 E. 96th Street, Indianapolis, IN 46240
Sales: (800) 428-4442 • Technical (800) 428-4511
www.firestonebpc.com