



UltraPly Platinum TPO

Firestone Item Number: W56TPM3899 10'
W56TPM3896 8'
W56TPM3860 5'

DESCRIPTION:

Firestone Platinum TPO is a flexible .080" (2.0mm) Thermoplastic Polyolefin (TPO) roofing membrane that is produced with a 1000 denier polyester weft inserted reinforcement. This heat weldable Platinum TPO membrane is available in .080" (2.0mm) thickness. Available in white (tan or gray on special orders), this reflective membrane is suitable for a variety of low slope applications.

METHOD OF APPLICATION:

1. Firestone UltraPly Platinum membrane is installed as a continuous roofing or waterproofing layer on the roof. The system is installed as either fully adhered or mechanically attached.
2. Membrane is overlapped (Side Laps and End Laps) and seamed with Firestone Wide Weld system.
3. Install the UltraPly Platinum Roofing System in accordance with current Firestone UltraPly Platinum specifications, and workmanship requirements.

For additional information visit the Firestone website, at www.firestonebpc.com or contact the Firestone Roofing Solutions Group at 800.428.4511.

PHYSICAL PROPERTIES PER ASTM 6878-03:

<u>Property</u>	<u>Test Method</u>	<u>Typical</u>
UNAGED PROPERTIES:		
Thickness, min. in (mm) Sheet Overall	ASTM D 751	0.080" (2.0 mm) ± 10%
Thickness Over Scrim .080" Membrane	ASTM D 4637 (Optical Method)	0.030" (0.762mm) min.
Breaking Strength	ASTM D 751	482 lbf (2145 N)
Elongation at Reinforcement Break	ASTM D 751	30%
Tearing Strength	ASTM D 751 (8"x8" specimen)	46 lbf (649 N)
Brittleness Point	ASTM D 2137	-40F (-40C)
Linear Dimension Change	ASTM D 1204	±0.15% (6 hrs @70° C)
Ozone Resistance	ASTM D 1149	PASS (no cracks)
Factory Seam Strength	ASTM D751	65 lbf (289 N)
Puncture Resistance	FTM 101C Method 2031	415 lbf (1868 N)
Solar Reflectance	ASTM C 1549	.79



PRODUCT DATA

PHYSICAL PROPERTIES PER ASTM 6878-03 (CONT.):

<u>Property</u>	<u>Test Method</u>	<u>Typical</u>
AGED PROPERTIES:		
Breaking Strength	ASTM D 751	490 lbf (2180 N)*
Elongation at Reinforcement Break	ASTM D 751	30%*
Tearing Strength	ASTM D 751 (8"x8" specimen)	150 lbf (667 N)*
Weight Change (Membrane)	ASTM D 471 (change in mass)	1%
Ozone Resistance	ASTM D 1149	PASS (No cracks)
Weather resistance (Retained Values)	ASTM G 151/G 154	
Visual Inspection Breaking Strength, % min.		PASS 90 % retained
Elongation at Reinforcement Break	ASTM D 751	90% retained
Resistance to Xenon-Arc Weathering	ASTM G 151/ G 155	PASS

*ASTM D 6878-03 requires retained values of 90% or original breaking strength and elongation and 60% for tearing strength.

PRODUCT DATA:

.080" (2.0mm)	5 ft (1.52 m)	100 ft (30.48 m)
White	8 ft (2.43 m)	100 ft (30.48 m)
	10 ft (3.04 m)	100 ft (30.48 m)

PRECAUTIONS:

1. Exercise caution when lifting, moving, transporting, storing or handling membrane rolls to avoid sources of punctures and possible physical damage.
2. Contact Firestone Roofing Solutions Department for specific recommendations regarding chemical or waste product compatibility with Firestone Platinum TPO Membrane.

LEED INFORMATION:

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



Membrane for Roofing Systems
As to an External Fire Exposure Only
61P2
See UL Directory of Products
Certified for Canada
And UL Roofing Materials
And Systems Directory
R9516



WHITE



Cool Roof Rating Council Product
Identification Number: 0608-0008
(For White Membrane)

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Firestone

BUILDING PRODUCTS

UltraPly Platinum TPO

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