

TECHNICAL INFORMATION SHEET

UltraPly™ TPO 18" Curb Flashing



Item Description

White

Item Number

W56TPO3018

Product Information

Description:

Firestone UltraPly TPO 18" (457.2 mm) Curb Flashing is designed for the flashing of curbs and parapet walls, eliminating the need for time-consuming field cutting of membrane. A labor-saving feature of the TPO 18" (457.2 mm) Curb Flashing is that the reinforced membrane has an encapsulated edge which eliminates the need for applying Firestone UltraPly Cut Edge Sealant after the flashing-to-roof splice is completed. UltraPly TPO 18" (457.2 mm) Curb Flashing is sold in 50' (15.2 m) rolls, making it easy to handle. Each 50' (15.2 m) roll will flash three 4' x 4' (1.2 m x 1.2 m) curbs, with virtually no waste.

Product Packaging

Roll Length	50' (15.2 m)	Roll Weight	25 lb (11 kg)
Roll Width	18" (457.2 mm)	Rolls per Pallet	45
Each roll is wrapped around a 3" (76.2 mm) diameter cardboard core and wrapped in plastic.			

Method of Application:

1. Substrates must be clean, dry, smooth, and free of sharp edges, fins, loose or foreign materials, oil, grease, and other materials that may damage the TPO 18" (457.2 mm) Curb Flashing.
2. All rough surfaces that can damage the flashing shall be repaired as specified to make a smooth substrate.
3. All surface voids greater than ¼" (6.3 mm) wide shall be properly filled with an acceptable fill material.
4. Install the Firestone TPO 18" (457.2 mm) Curb Flashing with the appropriate heat welding equipment in accordance with current Firestone specifications, details, and workmanship requirements.

Storage:

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

Precautions:

- For safety information, refer to Safety Data Sheet (SDS) for TPO systems.
- Exercise caution when lifting, moving, transporting storing or handling flashing rolls to avoid sources of punctures, physical damage or chemical contamination.
- Contact your Firestone Technical Services Advisor at 1-800-428-4511 for specific recommendations regarding chemical or waste product compatibility with Firestone UltraPly TPO 18" (457.2 mm) Curb Flashing.

LEED® Information:

Post-Consumer Recycled Content: 0%
 Pre Consumer Recycled Content: 15%
 Manufacturing Location: Wellford, SC, Tuscumbia, AL
 Solar Reflectance Index: 97

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

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Product Data

Property	Value
Material	Thermoplastic Polyolefin (TPO)
Color	White
Nominal Thickness	0.045" (1.14 mm)
Width	18" (457.2 mm)

Typical Properties (Meets or exceeds ASTM D 6878 Specification)

Property	ASTM Standard	Performance Minimum	Typical Performance 45 mil
Overall Thickness	D 751	0.039" (1 mm)	0.045" (1.14 mm) ± 10%
Coating over Scrim	D 7635	0.015" (0.38 mm)	0.017" (0.43 mm)
Breaking Strength	D 751, Grab Method	220 lbf (979 N)	340 lbf (1,512 N)
Elongation of Reinforcement Break	D 751, Grab Method	15%	25%
Tearing Strength	D 751	55 lbf (245 N)	120 lbf (534 N)
Brittleness Point	D 2137	-40 °F (-40 °C)	Pass
Ozone Resistance, No Cracks:	D 1149	Pass (No Cracks)	Pass
Breaking Strength	D 751, Grab Method	90% Minimum	> 90%
Elongation at Break	D 751, Grab Method	90% Minimum	> 90%
Tearing Strength	D 751	60% Minimum	> 60%
Weight of Change		± 1% Maximum	< 1%
Linear Dimension Change	D 1204, 6 h at 158 °F (70 °C)	± 1% Maximum	< 1%
Water Absorption	D 471	± 3% Maximum	< 3%
Weather Resistance, 80 °C (176 °F) Black Panel, no cracking, crazing when wrapped around a 3" (76 mm) mandrel and inspected at 7X magnification	G 155	10,800 kJ/m ² Minimum	> 60,000 kJ/m ²
Puncture Resistance	FTM 101C, Method 2031	---	265 (1,180)
Dynamic Puncture Resistance MD	D 5635	---	Pass (20 J)
Dynamic Puncture Resistance CD	D 5635	---	Pass (35 J)
Static Puncture Resistance	D 5602	---	Pass (25 kg)

Please contact Firestone Technical Services 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.