

TECHNICAL INFORMATION SHEET

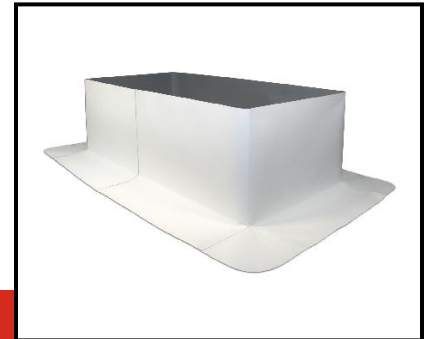
UltraPly™ TPO Custom Curb Flashing

Item Description

White
Tan
Gray

Item Number

W56TPO3CFP



Product Information

Description:

UltraPly TPO Custom Curb Flashings are part of the Firestone UltraPly Custom Accessory Program. This program is designed to reduce time-consuming field fabrication by providing custom fitted accessories with welds made in factory conditions. This labor-saving product is made from standard, reinforced UltraPly TPO membrane with customizable length, width, height and flange dimensions. UltraPly TPO Custom Curb Flashings are available in 4 different configurations, allowing the flashing to be applied as four separate pieces, two separate pieces, one piece with a split or completely assembled to the provided dimensions (see diagrams below). UltraPly Custom Curb Flashings are available in thicknesses of 45 or 60 mil and White, Tan or Gray.

Method of Application:

1. Refer to Firestone Technical Database at www.Firestonebpco.com for all current details and requirements.
2. Ensure substrate is clean and clear of any dirt, debris or other contaminants.
3. Install base tie-in securement of the field membrane as required per current Firestone specification.
4. Position the curb flashing in place and verify that the correct size is being used to allow a 2" (50.8 mm) overlap for welding.
5. Weld curb flashing in place, ensuring a 2" (50.8 mm) weld along perimeter and along the overlap.
6. Curb flashings used in fully adhered systems must be fully adhered using appropriate Firestone Bonding Adhesive.
7. Curb flashings less than 12" (305 mm) in height may be left unadhered, provided the flashing extends up and over the top of curb and is fastened on the inside of the curb.

Storage:




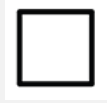
Store material in its original unopened packaging away from sources of physical damage or chemical contamination.

Precautions:

- Exercise caution when lifting, moving, transporting storing or handling UltraPly Custom Curb Flashings 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.
- Details and installation details can be found on the Firestone Technical Database located at www.Firestonebpco.com.

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Product Data

<u>Available Configuration</u>	<u>Value</u>
	<p><u>4 piece configuration</u> Four welds to join individual corner pieces as well as a weld around perimeter.</p>
	<p><u>2 piece configuration</u> Two welds to join individual pieces as well as a weld around perimeter</p>
	<p><u>1 piece open configuration</u> One weld to join single curb flashing together as well as a weld around the perimeter</p>
	<p><u>1 piece fully assembled curb flashing configuration</u></p> <ul style="list-style-type: none"> • Weld required only around perimeter. • May only be used with mechanically attached systems utilizing mechanical attachment of curb flashing. • Must include additional height on UltraPly TPO Custom Curb Flashing to allow membrane to be installed up and over top of curb.

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Typical Properties (Meets or exceeds ASTM D 6878 Specification)

Property	ASTM Standard	Performance Minimum	Typical Performance 45 mil	Typical Performance 60 mil
Overall Thickness	D 751	0.039" (1 mm)	0.045" (1.14 mm) ± 10%	0.060" (1.52 mm) ± 10%
Coating over Scrim	D 7635	0.015" (0.38 mm)	0.017" (0.43 mm)	0.021" (0.53 mm)
Breaking Strength	D 751, Grab Method	220 lbf (979 N)	340 lbf (1,512 N)	390 lbf (1,735 N)
Elongation of Reinforcement Break	D 751, Grab Method	15%	25%	25%
Tearing Strength	D 751	55 lbf (245 N)	120 lbf (534 N)	120 lbf (534 N)
Brittleness Point	D 2137	-40 °F (-40 °C)	Pass	Pass
Ozone Resistance, No Cracks	D 1149	Pass (No Cracks)	Pass	Pass
Properties After Heat Aging (Retained Values) ASTM D 573-5376 h (224 days or 32 weeks) at 240 °F (116 °C)				
Breaking Strength	D 751, Grab Method	90% Minimum	> 90%	> 90%
Elongation at Break	D 751, Grab Method	90% Minimum	> 90%	> 90%
Tearing Strength	D 751	60% Minimum	> 60%	> 60%
Weight of Change	---	± 1% Maximum	< 1%	< 1%
Linear Dimension Change	D 1204, 6 h at 158 °F (70 °C)	± 1% Maximum	< 1%	< 1%
Water Absorption	D 471	± 3% Maximum	< 3%	< 3%
Weather Resistance, 176 °F (80 °C) Black Panel, no cracking, crazing when wrapped around a 3" (76.2 mm) mandrel and inspected at 7X magnification	G 155	10,800 kJ/m ² Minimum	> 60,000 kJ/m ²	> 60,000 kJ/m ²
Puncture Resistance	FTM 101C, Method 2031	---	265 (1,180)	300 (1,300)
Dynamic Puncture Resistance MD	D 5635	---	Pass (20 J)	Pass (40 J)
Dynamic Puncture Resistance CD	D 5635	---	Pass (35 J)	Pass (50 J)
Static Puncture Resistance	D 5602	---	Pass (25 kg)	Pass (25 kg)

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

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