

Technical Information Sheet



UltraPly™ TPO Custom Curb Flashing

Item Description	Item Number
White	W56TPO3CFP
Tan	
Gray	

Description

UltraPly TPO Custom Curb Flashings are part of the Elevate 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 four 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 Elevate Technical Database at www.HolcimElevate.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 Elevate 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 adhered systems must be adhered using appropriate Elevate 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 a Regional Technical Coordinator at 1-800-428-4511 for specific recommendations regarding chemical or waste product compatibility.
- Details and installation details can be found on the Elevate Technical Database located at www.HolcimElevate.com.
- Refer to Safety Data Sheets (SDS) for additional safety information.

Typical Properties				
Properties	Test Method	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*	G 155	10,800 kJ/m ² Minimum	> 60,000 kJ/m ²	> 60,000 kJ/m ²
*176 °F (80 °C) Black Panel, no cracking, crazing when wrapped around a 3" (76.2 mm) mandrel and inspected at 7X magnification				
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)

Product Data	
Available Configuration	Configuration Information
	<p>4 Piece Configuration</p> <p>Four welds to join individual corner pieces as well as a weld around perimeter.</p>
	<p>2 Piece Configuration</p> <p>Two welds to join individual pieces as well as a weld around perimeter</p>
	<p>1 Piece Open Configuration</p> <p>One weld to join single curb flashing together as well as a weld around the perimeter</p>
	<p>1 piece fully assembled curb flashing configuration</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.

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

This sheet is meant to highlight Elevate products and specifications and is subject to change without notice. Holcim takes responsibility for furnishing quality materials that meet published Elevate product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Holcim nor its representatives practice architecture. Holcim offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Holcim 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 Holcim representative is authorized to vary this disclaimer.