

# TECHNICAL INFORMATION SHEET

## UltraPly™ TPO Inside/Outside Corner

### Item Description

White  
Tan  
Gray

### Item Number

W56TPO301C  
W56TPOT01C  
W56TPOG01C



## Product Information

### Description:

Firestone UltraPly™ TPO Inside/Outside Corners are molded from a flexible thermoplastic polyolefin. The TPO Inside/Outside Corners were specifically designed for flashing either inside or outside corners on curbs, parapets and scuppers.

## Product Packaging

Units per Carton	20	Weight per Carton	8 lb (3.6 kg)
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### Method of Application:

1. Prepare TPO Inside/Outside Corner areas by removing all dirt and debris from the membrane surface. Clean the surface area of the field sheet and the inside and outside corners with Firestone Splice Wash SW-100 prior to installation of the TPO Inside/Outside Corner.
2. By cutting the TPO Inside/Outside Corner on the appropriate guideline, the TPO Inside/Outside Corner can be used to complete the flashing of either an inside or an outside corner.
3. All cut corners must be rounded off prior to being heat welded per current Firestone UltraPly TPO Specifications. Care should be taken during the heat welding process to prevent heat build up that could damage the TPO Inside/Outside Corner.

### Storage:

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

### Precautions:

1. Refer to Material Safety Data Sheet for TPO systems for safety information.
2. Contact your Firestone Technical Coordinator at 1-800-428-4511 for specific recommendations regarding chemical or waste product compatibility with Firestone UltraPly TPO Inside/Outside Corner.
3. Transitions may require additional heat to conform to step-off.

### LEED® Information:

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

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### Product Data

Material:	Thermoplastic Polyolefin (TPO)
Thickness:	0.070" (1.8 mm)
Colors:	White, Tan, Gray
Overall Size:	6" (150 mm) x 8" (200 mm)
Corner Size:	3" x 3" x 3.25" (75 mm x 75 mm x 83 mm) with 0.5" (12 mm) radius on all edges of the raised corner

### Physical Properties

Property	Test Method – ASTM Standard	Firestone Typical Performance
Membrane Thickness:	D 751	0.070" (1.78 mm)
Tensile Strength:	D 638	1,780 psi (12.3 MPa)
Elongation at Break:	D 638	750%
Tearing Strength:	1004 (Die C)	11 lbf (49 N)
Brittleness Point:	D 2137	-40 °F (-40 °C)
Properties After Heat Aging (Retained Values) (166 h at 240 °F (116 °C)):		
Tensile Strength:	D 638	1,550 psi (10.7 MPa)
Elongation at Break:	D 638	650%
Tearing Strength:	1004 (Die C)	9 lbf (40 N)

Please contact your Firestone Roof Systems Advisor 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. 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.*