

TECHNICAL INFORMATION SHEET

UltraPly™ TPO Custom Pipe Boots



Item Description

White
Tan
Gray

Item Number

W56TPO3CFP

Product Information

Description:

Firestone UltraPly TPO Custom Pipe Boots 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. The UltraPly TPO Custom Pipe Boots are designed in a variety of shapes to allow the flashing of round and square roof penetrations. UltraPly TPO Custom Pipe Boots are non-adjustable and custom made to fit your penetration size. This labor-saving product is made from standard, reinforced, 60 mil UltraPly TPO membrane. The UltraPly TPO Custom Pipe Boots are available in three different designs (square, round and conical). Each design is available with or without a split to allow application when the pipe boot cannot slip over the top of the roof penetration. UltraPly TPO Custom Pipe Boots are available in White, Tan or Gray.

Method of Application:

1. Refer to Firestone Technical Database at www.Firestonebpc.com for all current details and requirements.
2. Ensure substrate is clean and clear of any dirt, debris or other contaminants.
3. Position the pipe boots in place and verify that the correct size is being used and there is enough overlap on the split to allow a 2" (50.8 mm) weld.
4. Weld pipe boots in place, ensuring a 2" (50.8 mm) weld along perimeter and along the split if the split pipe boot configuration is being used.
5. Refer to the detail drawings for proper termination and installation details.

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 TPO Custom Pipe Boots 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 Website located at www.Firestonebpc.com.
- Refer to Safety Data Sheet (SDS) for UltraPly TPO Custom Accessories.

LEED® Information:

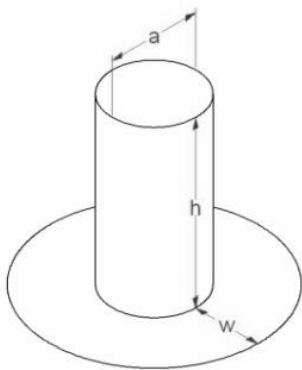
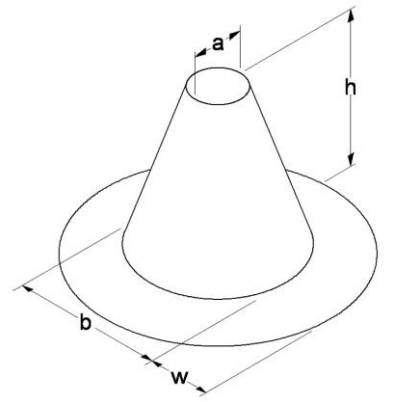
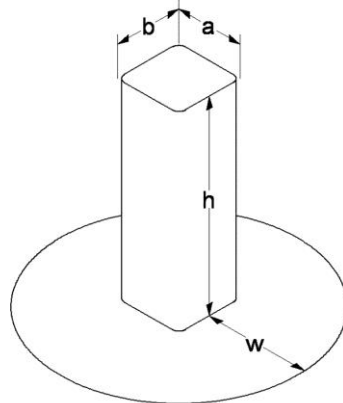
Post-Consumer Recycled Content: 0%
Post Industrial Recycled Content: 15%
Manufacturing Location: Wellford, SC
Tuscumbia, AL

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

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Product Data

Information	All UltraPly TPO Custom Boot designs are available as a continuous pre-welded boot or with a split for ease of application around penetrations that do not allow pipe boot to slip over the top of the roof penetration.
Round Pipe Boot	
Conical Pipe Boot	
Square Pipe Boot	

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Typical Properties (Meets or exceeds ASTM D 6878 Specification)

Property	ASTM Standard	Performance Minimum	Typical Performance 60 mil
Overall Thickness	D 751	0.039" (1 mm)	0.060" (1.52 mm) ± 10%
Coating over Scrim	D 7635	0.015" (0.38 mm)	0.021" (0.53 mm)
Breaking Strength	D 751, Grab Method	220 lbf (979 N)	390 lbf (1,735 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
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%
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, 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
Puncture Resistance	FTM 101C, Method 2031	---	300 (1,300)
Dynamic Puncture Resistance MD	D 5635	---	Pass (40 J)
Dynamic Puncture Resistance CD	D 5635	---	Pass (50 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.