

Product Data Sheet



TPO Pre-molded Inside and Outside Corner

Item Description	Item Number
White TPO Corner	W590030083
Grey TPO Corner	W590030084
Tan TPO Corner	W590030103

Description

GenFlex TPO Pre-molded Inside and Outside Corner is an injection molded TPO component made from non-reinforced thermoplastic polyolefin and is specifically designed to be installed in roofing applications for flashing inside and outside corners.

The TPO Corner must be field cut on the appropriate guidelines into either an inside or outside corner prior to installation using standard heat welding equipment and techniques.

Method of Application

Refer to current GenFlex Technical Specifications for additional instructions.

IMPORTANT: Ensure the receiving surfaces are free of debris and no moisture is present.

1. Substrate must be clean, dry smooth, free of sharp edges, fins, loose, or foreign materials, oil, grease, and other materials which may damage the flashing.
2. All roughened surfaces which could damage the flashing shall be repaired as specified to offer a smooth substrate.
3. **All surface voids greater than ¼" (6.35 mm) wide, including reinforced TPO membrane and field sheets, shall be properly filled with like material.**
4. Install corners using a handheld welding tool and standard welding techniques.

Storage

- Store in original unopened container in a dry indoor area at temperatures between 60 °F (16 °C) and 80 °F (27 °C) free from damage or contamination.
- Do not store on roof in direct sunlight or at temperatures above 100 °F (38 °C). When exposed to lower temperatures, restore to room temperature prior to use.
- Keep material dry at all times prior to installation.

Precautions

- Take care when moving, transporting, and handling, etc., to avoid sources of punctures and physical damage or contamination.
- Contact the GenFlex Technical Department for recommendations on installation of TPO components using standard heat welding equipment and techniques.
- Refer to Safety Data Sheets (SDS) for additional safety information.

LEED® Information

Post-Consumer Recycled Content: 0%

Post Industrial Recycled Content: 0%

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

Typical Properties		
Property	Test Method	Typical Values
Color	---	White, Grey, Tan
Thickness	ASTM D638	0.070" (1.8 mm)
Tensile Strength	ASTM D638	1780 psi (12.3 MPa)
Elongation at Break	ASTM D638	750%
Tear Resistance	ASTM D1004	11 lbf (49 N)
Brittleness Point	ASTM D2137	-40 °F (-40 °C)
Dimensional Stability	ASTM D1204	± 0.3%

Product Data	
Property	Value
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)
10 units per carton	1780 psi (12.3 MPa)

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

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