



PO Box 6256  
Mobile AL, 36606  
1-800-771-6643

## PRODUCT DATA SHEET

### TPO Edge Sealant

#### DESCRIPTION

TPO Edge Sealant is a one-part liquid elastomeric sealant that is used primarily as a sealing agent on cut edges of the TPO membrane after they are heat welded. It offers good adhesion to TPO membrane and other surfaces.

#### INSTALLATION

Please consult current WeatherStar TPO specifications and details for specific applications.

1. Apply TPO Edge Sealant according to WeatherStar standard specifications and details.
2. If seam area is contaminated, use a clean rag saturated with cleaner, thoroughly clean an area on both sheets at least 2" (51 mm) each way from the edge of the seam.
3. Cut approximately 1/4" (6.4 mm) of the tip off the plastic squeeze bottle. Apply a 1/8" (3.2 mm) bead of TPO Edge Sealant to the cut edge of the TPO membrane. Ensure bead covers entire edge.

*NOTE: Allow sealant to dry to tack-free state prior to inclement weather. All cut edges shall be sealed before day's end. Sealant is required for exposed cut edges of the TPO membrane.*

#### PRODUCT DATA

Base:	Butyl Rubber
Color:	White, Grey and Tan
Container Size:	16 fl. oz (473 cm <sup>3</sup> ) bottle
Coverage Rate:	115 ft. (30 m) per bottle
Quantity:	12 bottles per carton
V.O.C.:	450 g/L

#### STORAGE

- Store indoors in original unopened containers at temperatures between 60°F (16°C) and 80°F (27°C).
- Do not store in direct sunlight or at temperatures above 80°F (27°C).
- When exposed to lower temperatures, restore to room temperature prior to use.

#### SHELF LIFE

Shelf Life of 9 months can be expected when stored at temperatures between 60°F (16°C) and 80°F (27°C) in unopened containers. Shelf life will be shortened if exposed to elevated temperatures.



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#### PRECAUTIONARY DATA

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Material Safety Data Sheet available upon request.

#### WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

#### PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	PHYSICAL PROPERTIES
<b>Base:</b>	FTIR	Butyl Rubber
<b>Color:</b>	Visual	White, Grey, and Tan
<b>Solids:</b>	ASTM D 3168	25% ± 2%
<b>Solvents:</b>		Xylene, Stoddard solvent
<b>Viscosity:</b>		2000 cps, RVF Brookfield, #3 Spindle @ 10 RPM
<b>Tack Free Time:</b>	ASTM D 2377	2 hours
<b>Cure Time:</b>		24 hours
<b>Flash Point:</b>	ASTM D 1310	81°F (27°C)
<b>Weight:</b>	ASTM D 244	7.8 ± 0.5 lbs/gal (93 ± 0.06 kg/L)
<b>Specific Gravity:</b>	ASTM D 244	0.94718