



# Sealant

# Sealants TPO

## Description

EverGuard® One-Part Pourable Sealant is a one-part, moisture-cure, self-leveling sealant designed for use in pitch pans on single-ply roof systems. Since moisture-cure sealants cure with moisture in the air, it is suitable for application in damp and cold climates, as well as in dry climates. EverGuard® One-Part Pourable Sealant is solvent free, contains no isocyanates, and will not shrink upon curing. It does not "outgas" or bubble on damp surfaces as urethane sealants often do. EverGuard® One-Part Pourable Sealant is elastomeric and has excellent adhesion to most construction materials. It has a low durometer, which accommodates greater movement in penetration seals than typical urethane sealants.

## Use

EverGuard® One-Part Pourable Sealant is designed for use with the EverGuard® Pourable Sealer Pocket on new and existing TPO roofs to seal irregular penetrations, such as metal frames, wires, and pipes. Note: EverGuard® TPO Primer is required to prime the TPO surface before use.

## Advantages

- Solvent free – less than 25 g/L VOC
- 100% solid – will not shrink
- No outgassing on damp surfaces
- Self-leveling provides a smooth, professional finished look
- Good color stability
- 20-minute skinover time
- Paintable within 24 hours
- No special tools or mixing required
- Application at temperatures as low as 30°F (-1°C)



## One-Part Pourable Sealant

TYPICAL PROPERTIES	
VOC (max)	<25 grams/liter
Service Temperature	-40°F (-40°C) to 200°F (93.3°C)
Full Cure	Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of ¼" (6.35 mm) a week at 70°F (22°C) and 50% relative humidity. Lower temperature and humidity will slow the rate of cure. Higher temperature and humidity will accelerate rate of cure. Depths of more than 2" (51 mm) will cure through in 2 to 3 months.
Skin Time	Approximately 20 minutes at 70°F (22°C) and 50% relative humidity.
Shrinkage	0%
Tensile Strength	146 lbf (217 kg/m)
Elongation	300% ± 25%
Density	8.9 ± .2 lb. per gallon (1.068 g/ml)

Quality You Can  
Trust...From  
North America's  
Largest Roofing  
Manufacturer!™

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# **EverGuard<sup>®</sup>TPO** SINGLE-PLY ROOFING SYSTEMS

## Approvals & Certification

- Conforms to OTC Rule for Sealants and Caulks
- Meets requirements of California Regulations: CARB, BAAQMD, and SCAQMD
- Conforms to California Proposition 65
- Conforms to USDA Requirements for Non-food Contact

## Environmental Standards

LEED<sup>®</sup> 2.2 for New Construction and Major Renovations:

- Low-Emitting Materials (Section 4.1) 1 Point

NAHB Model Green Home Building Guidelines:

- 5 Global Impact Points

VOC Content:

- Less than 25 grams/liter ASTM D2369 EPA Method 24 (tested at 240°F [115°C])

## Application Temperature

EverGuard<sup>®</sup> One-Part Pourable Sealant can be applied at temperatures as low as 30°F (-1°C). In these colder temperatures, it is recommended to keep the material stored inside or in a truck before using.

## Application Instructions

Surface should be clean, dry, and free of any loose materials. Remove all previously applied caulk, mastic, cement, and other contaminants from penetrations with a cleaner. All roof deck voids are to be filled with FlexSeal<sup>™</sup> Sealant. Prime all surfaces with EverGuard<sup>®</sup> TPO Primer. Allow primer to dry prior to applying EverGuard<sup>®</sup> One-Part Pourable Sealant. Fill the EverGuard<sup>®</sup> Pourable Sealer Pocket with EverGuard<sup>®</sup> One-Part Pourable Sealant to the top of the pocket, ensuring that all voids are filled. See GAF's published application and specifications manual for complete details.

## Clean-up

Wet adhesive can be removed using a solvent, such as alcohol. Cured EverGuard<sup>®</sup> One-Part Pourable Sealant can be removed by abrading or scraping the substrate.

## Cure Time

EverGuard<sup>®</sup> One-Part Pourable Sealant is a moisture-cure sealant. Rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of ¼" (6 mm) a week at 70°F (22°C) and 50% relative humidity. Lower temperature and humidity will slow the rate of cure. Higher temperature and humidity will accelerate

rate of cure. Depths of more than 2" (51 mm) will cure through in 2 to 3 months.

## Packaging

- 0.53 gallon (2L) pouch
- 4 pouches/case
- 48 cases/pallet

## Color

White

## Storage

- Recommended storage is between 40°F–90°F (4°C–32.2°C). Store unopened containers in a cool, dry area. Protect unopened containers from water, heat, and direct sunlight. Although EverGuard<sup>®</sup> One-Part Pourable Sealant will not freeze, it is recommended to store indoors before using to ensure easy gunning and leveling.

## Shelf Life

One year from date of manufacture when stored in recommended conditions. Elevated temperature and high relative humidity may significantly reduce shelf life.

## Precautions

- Do not apply at temperatures below 30°F (-1°C).
- Do not use on TPO without EverGuard<sup>®</sup> TPO Primer.
- Do not use on Hypalon<sup>®</sup> membranes.
- Do not install if rain is anticipated within 4 hours.
- Do not use in areas subject to continuous water immersion.
- Do not use in areas where prolonged chemical exposure is anticipated.
- Do not prime bonding surfaces with asphalt primer.
- Use TOPCOAT<sup>®</sup> FlexSeal<sup>™</sup> Elastomeric Sealant as a "night sealant" around the base of the penetration. Do not use petroleum-based solvents, such as mineral spirits, for cleaning purposes.
- Maintain sealant at room temperature before applying to ensure easy gunning and leveling.
- Test and evaluate to ensure adequate adhesion.
- Dry all visible and standing water prior to applying sealant.

## For Application Questions

Contact GAF Technical Services at 1-800-766-3411 or visit [gaf.com](http://gaf.com).