



TPO Red Primer

Product Data Sheet | Formerly TOPCOAT® TPO Red Primer

PRODUCT DESCRIPTION

TPO Red Primer is a low VOC, solvent-based primer to be applied to new or aged TPO membranes where adhesion of water-based coatings is desired. **TPO Red Primer** is slightly tinted to distinguish primed areas on bright white TPO membranes. The surface of the treated area must be clean of all dirt, dust, and debris and be completely free of moisture prior to application of the primer.

PACKAGING & SHELF LIFE

1-gallon (3.8 liter) can (6 cans / box)
5-gallon (18.9 liter) pail

Shelf life: 12 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 50°F - 80°F (10°C - 27°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow material to freeze.

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GAF Liquid-Applied

October 2016

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.

BASIC USES & ADVANTAGES

TPO Red Primer is a required step when coating any **NEW** TPO (less than 3 months aged) and recommended for improved adhesion on any aged TPO membranes. **TPO Red Primer** is easy to apply; it rolls on with a foam roller and dries quickly. Application of coating or sealant can begin as soon as the primer has dried completely.

Advantages

- Improves adhesion of acrylic coatings and sealants to both new and aged TPO
- Low VOC

PHYSICAL PROPERTIES

TPO RED PRIMER	
Application Rate	0.25 – 0.5 gal /100 ft ² (1 – 2 L/10 m ²) per coat
Application Method	Roller or brush
Application Temp (air, surface)	42° – 120°F (5.6°C – 60°C)
Drying Time (75°F, 50% RH)	Approximately 15 minutes
Specific Gravity:	1.14 g/cc

Weight per Gallon:	9.5 ± 0.5 lb.
Total Solids (by weight)	2.5% ± 0.5%
Total Solids (by volume)	1%
Viscosity (75°F)	100 cps
Flash Point	5°F (-15°C)
Elongation	650%

APPLICATION INSTRUCTIONS

Substrate Preparation: Roof must have positive drainage with no moisture trapped in the roof membrane. GAF requires a moisture survey be performed prior to issuance of a GAF guarantee.* Roof substrate must be clean, completely dry, and free from any foreign matter. Pressure-wash to remove all dust and debris, and allow to dry. Examine substrate to receive new roofing and conduct test patches to verify adhesion of coating prior to start of work. Check for any damaged roof membranes, including all flashings and penetrations, and repair with like materials as needed.

Mixing: **TPO Red Primer** is a ready-to-use material; however, some settling of material may have occurred

during shipment and storage. Mix prior to use with a ¼ horsepower or larger mixer with a blade capable of uniformly mixing the entire container. For 5-gallon (18.9 liter) pails, use 3" (76 mm) minimum diameter mixing blades.

Application: Apply product with a roller or brush, covering the surface at an even rate. Apply at a rate of 0.25 - 0.5 gal/100 ft² (1 – 2 L/10 m²) per coat. Total gallons (liters) per square depend on roof surface and specifications.

For Application Questions: Contact GAF Technical Services at 1-800-766-3411 or visit gaf.com.

LIMITATIONS & PRECAUTIONS

Store in well-ventilated area at 50°F to 80°F (10°C - 27°C). Do not apply on substrates that exceed 120°F (48°C). Do not allow primer to freeze. Do not heat container or attempt to thin product.

SAFETY & HANDLING

For specific information regarding safe handling of this material, please refer to OSHA guidelines and product Safety Data Sheet (SDS).

CLEAN-UP

Xylene, toluene.

*See applicable warranties and guarantees for complete coverage and restrictions.