



United Coatings™ SP Primer

Technical Data Sheet



PRODUCT DESCRIPTION

United Coatings™ SP Primer is a low viscosity, high build, water-based acrylic primer that develops a tenacious bond to new or existing TPO and most PVC membranes. It is designed to provide optimum adhesion of **United Coatings™ Roof Mate™ Coatings** and other acrylic coatings over most TPO and PVC membranes. **SP Primer** is easy to apply and cost-effective.

PACKAGING & SHELF LIFE

1-gallon (3.8 liter) bucket
5-gallon (18.9 liter) pail

Shelf life: 18 months from date of manufacture in unopened containers, if stored properly in a clean and well-ventilated area at 40°F – 90°F (4°C – 32°C). Storage outside this temperature range may shorten shelf life. Keep containers covered when not in use. Do not allow material to freeze.

GAF
1 Campus Drive
Parsippany, NJ 07054
1-800-ROOF-411
gaf.com

GAF Liquid-Applied

June 2017, supercedes January 2016

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

BASIC USES & ADVANTAGES

United Coatings™ SP Primer is designed to enhance the adhesion of acrylic coatings over TPO and PVC membranes that have been weathered for at least 90 days. Due to significant differences in the composition of TPO and PVC membranes from various manufacturers, apply **SP Primer** to a test area to confirm adequate adhesion and compatibility with membrane prior to application. Do **NOT** use over EPDM.

Advantages:

- Low viscosity means more coverage
- Water-based
- Low odor
- Effective for coating over PVC

PHYSICAL PROPERTIES

UNITED COATINGS™ SP PRIMER	
Application Temperature (Air)	50°F (10°C) and rising
Application Temperature (Surface)	50°F – 110°F (10°C – 43°C)
Dry Time to Walk On	3 hours @ 75°F (24°C), 50% R.H. [ASTM D1640]
Elongation	210% (± 20) [ASTM D2370]
Hardness	40 to 50 [ASTM D2240]
Solids by Weight	64% (± 2) [ASTM D2369]
Solids by Volume	52% (± 2) [ASTM D5201]
Tear Strength	76 (± 10) [ASTM D624]
Tensile Strength	175 psi (± 20) [ASTM D2370]
VOC	< 50g/mL [ASTM D3960]
Weight per Gallon	11.6 lbs (± .2) [ASTM D1475]

APPLICATION INSTRUCTIONS

Substrate Preparation: Substrate must be clean, completely dry, and free from any foreign matter. Pressure-wash to remove all dust and debris, and allow to dry. Check for any damaged roof membranes, including all flashings and penetrations, and repair before coating application commences.

Mixing: **SP 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 3/4 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. For 55-gallon (208 liter) drums, use 6" (152 mm) minimum diameter mixing blades.

Application: **United Coatings™ SP Primer** may be applied by brush, roller, or airless sprayer. Apply evenly at a rate of 1 gallons/100 ft² (4.1 L/10 m²) per coat. One coat is usually sufficient for priming most surfaces; however, a second coat may be required on porous surfaces. Total coverage should be between 1 gallons/100 ft² (4.1 L/10 m²) but is dependent on the substrate. Smooth substrates will require less priming, while rough or porous substrates require more priming. — see gaf.com for more information.

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

Applicable Standards: ASTM D2369, ASTM D5201, ASTM D1475, ASTM D2370



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LIMITATIONS & PRECAUTIONS

IMPORTANT: Repair leaks promptly to avoid adverse effects, including mold growth.

- Do **NOT** apply on wet substrates.
- Do **NOT** heat container.
- Do **NOT** attempt to thin product.
- Do **NOT** apply if rain, dew, fog, heavy moisture condensation, or freezing temperatures are in the 24-hour forecast.

SAFETY & HANDLING

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

CLEAN-UP

Use water and soap to thoroughly flush equipment. If coating has hardened, clean with solvent. Purge the water from the system using solvent.

GAF

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See applicable warranties and guarantees for complete coverage and restrictions.