

NILPRIMER PRODUCT DATA SHEET



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	UNIT SIZE	APPROXIMATE COVERAGE
107202-SC	5 gal (18.9 L)	500 - 700 ft ² (46 - 65 m ²)

DESCRIPTION

Impermitek's NilPrimer is a zero VOC synthetic polymer-based primer formulated to increase adhesion of Impermitek's self-adhered SBS membranes used in roofing and waterproofing applications over approved substrates including gypsum or cement based coverboards, rigid insulation, concrete, masonry, metal, wood, and mineral surfaced membranes.

FEATURES

- Applied by roller or brush
- Low consumption rate

STORAGE

Always store closed containers in a cool, ventilated and dry location protected from environmental damage such as freezing, extreme cold, heat, or moisture. Do not store in direct sunlight. The Primer is a combustible material and should be kept away from open flames and other possible ignition sources during storage and use. The approximate maximum shelf life is 60 months when properly stored, sealed, and unmixed.

WARNINGS

Ambient and surface temperatures must be between 14 - 100°F (-10 - 38°C). Do not attempt application if ice, snow, moisture or dew are present. For optimum application precondition primer at 59 – 68°F (15 - 20°C) prior to use.

The NilPrimer should not be left exposed for extended periods or overnight to prevent contamination. If the primer becomes fully dry, dirty and tack-free, reprime the substrate as necessary to achieve membrane adhesion. Do not accelerate drying of primer by heating it with a torch.

MIXING

Before applying NilPrimer, ensure that application surface is clean, dry and free of debris, and substrates are prepared correctly in accordance with the relevant application recommendations.

Thoroughly mix the Primer prior to application to the work area substrate. After mixing, apply to substrate at the required consumption using a roller or brush. The primer should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

Ensure the primer is tacky to-the-touch but not wet before installing overlying membrane. Primer should not transfer to the fingertips when touched.

SAFETY & HANDLING

Please refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published guidelines. Dispose of waste materials in accordance with local, state and federal regulations.

TECHNICAL ASSISTANCE

For further information, please contact Impermitek Technical Services at +1 (780) 906-4600 or technical@impermitek.com. More information can also be found at www.impermitek.com.

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APPLICATION QUICK FACTS							
Unit Size gal (L)	Unit Coverage ¹ ft ² (m ²)	Ambient Temp.	Substrate Temp. ²	Resin Temp.	Rain Proof & Pot Life	Next Layer Minimum ³	Next Layer Maximum ³
18.9 (5)	500 - 700 ft ² (46 - 65 m ²)	14° - 100°F (-10° - 38°C)	14° - 100°F (-10° - 38°C)	55° - 80°F (13° - 27°C)	-	30 - 90 Minutes	Must be completely dry

- *Notes:**
1. Surface profile and porosity of the substrate will affect the coverage rates.
 2. The substrate temperature must be at least 5°F (3°C) above the dew point during application and curing.
 3. Cure times are approximate and may vary depending on sun exposure, wind, humidity, as well as the ambient, substrate, and resin temperatures at the time of application.

APPROXIMATE COVERAGE RATES				
Substrate	gal/ft2 (L/ft2)	ft2/gal (ft2/L)	gal/100ft2 (L/m2)	Thickness (DFT) mils (mm)
Non-porous	0.003 - 0.010 (0.013 - 0.038)	100 - 140 (26.4 - 36.9)	0.71 - 1.0 (0.29 - 0.41)	12 - 17 (0.31 - 0.44)

***Note:** Surface profile and porosity of the substrate will affect the coverage rates.

PHYSICAL PROPERTIES		
Description	Property	Standard
Technology	Proprietary blend of synthetic polymers, solvents	-
Color	Copper	-
Specific Gravity at 68°F (20°C), lb/gal (kg/L)	7.8 (0.94)	D2240
Flash Point, °F (°C)	14 (-10)	D92
Viscosity, Brookfield @ 77°F (25°C), cP	300 - 600	-
Solids by Weight, %	49	D6511
Application Temperature, °F (°C)	14 -100 (-10 - 38)	-
Storage Temperature, °F (°C)	55 - 80 (12.8- 26.7)	-
Drying Time @ 72°F (50% RH), Min	30 - 90	-
Cleanup	Mineral Spirits	-
Shelf Life, Months	60	-
VOC Content, g/L	0	D2369

***Note:** Data above represents average values unless noted otherwise.

Please, refer to the Impermitek installation recommendations, application manuals, and guide specifications, for complete information regarding the suitability, application, use, and handling of Impermitek products.