

SA WATER-BASED PRIMER PRODUCT DATA SHEET



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	UNIT SIZE	APPROXIMATE COVERAGE
107203-SC	5 gal (18.9 L)	700 - 1650 ft ² (65 – 153.3 m ²)

DESCRIPTION

Impermitek's SA Water-Based Primer is a water-based polymer emulsion 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, concrete, masonry, metal, wood, and mineral surfaced membranes.

FEATURES

- Recommended where solvent-based primers are not advised or allowed.
- Applied by roller or brush

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. Recommended storage temperature is between 55-80°F (12.8–26.7°C). The approximate maximum shelf life is 24 months when properly stored, sealed, and unmixed.

WARNINGS

Ambient and surface temperatures must be between 25 - 100°F (-4 - 38°C). Do not attempt application if ice, snow, moisture or dew are present. The product must be at minimum 50°F (10°C) at the time of application.

Primer 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. Primer may not be used over asphaltic coverboards and must not be diluted with water.

MIXING

Before applying the SA Water-Based Primer, 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 ³	Next Layer Minimum ³	Next Layer Maximum ³
18.9 (5)	700 - 1650 ft ² (65 – 153.3 m ²)	25° - 100°F (-4° - 38°C)	25° - 100°F (-4° - 38°C)	50° - 80°F (10° - 27°C)	-	90 Minutes	Must be tacky to the touch

- *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. Pot life, rain proof, working, and 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 (WFT) mils (mm)
Non-porous	0.003 - 0.010 (0.013 - 0.038)	140 - 330 (26.4 – 36.9)	0.3 – 0.7 (0.12 – 0.29)	4 - 12 (0.1 - 0.3)

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

PHYSICAL PROPERTIES		
Description	Property	Standard
Technology	Water-based polymer emulsion	-
Color	Blue	-
Specific Gravity at 68°F (20°C), lb/gal (kg/L)	8.6 (1.03)	D2240
Flash Point, °F (°C)	Non-flammable	D92
Viscosity, Brookfield @ 77°F (25°C), cP	900	-
Solids by Weight, %	55	D6511
Application Temperature, °F (°C)	25 -100 (-4 - 38)	-
Storage Temperature, °F (°C)	55 - 80 (12.8- 26.7)	-
Drying Time @ 72°F (50% RH), Min	90	-
Cleanup	Mineral Spirits	-
Shelf Life, Months	24	-
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.