

METAL DETAILING PRIMER PRODUCT DATA SHEET



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	UNIT SIZE	APPROXIMATE COVERAGE
122067-SC	0.06 gal (0.25 L)	107 – 322 ft ² (10 - 30 m ²)

DESCRIPTION

Impermitek's Metal Detailing Primer is a single component, low viscosity fast drying urethane-based primer for use on a wide range of metals including galvanized steel, stainless steel, aluminum, copper, and lead. The primer may be used for priming small areas of metal such as pipes, stanchions, drains, and other small components.

This product is supplied as a box of six resealable bottles with applicator brushes making it ideal for detailing work.

FEATURES

- One component
- Fast curing: 10 to 30 minutes
- Suitable for most metal surfaces
- Handy resealable bottle

STORAGE

Always store closed containers in a cool, ventilated, and dry location, away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures of or below 32°F (0°C) or above 77°F (25°C). The approximate maximum shelf life is 60 months when properly stored, sealed, and unmixed.

MIXING & APPLICATION

The ideal application temperature is between 41°- 77°F (5°- 25°C). The substrate temperature at application should be between 41°- 104°F (5°- 40°C).

Before applying the Metal Detailing Primer, ensure that surface is clean, dry, and free of debris. Substrates must be prepared correctly in

accordance with the relevant application recommendations.

Shake the primer bottle thoroughly ensuring that the mixing ball rattles freely. Ensure the primer bottle is shaken for at least 1 minute before each application.

Apply a thin coat of Impermitek Metal Detailing Primer using a brush at a coverage rate of 0.01 – 0.04 gal/ft² (0.05 – 0.15 L/m²). Avoid excess build-up of material in all areas, and especially in corners. If necessary, use the brush to spread the material evenly and avoid heavy layer thicknesses. Re-seal the container immediately after use.

The Impermitek Waterproofing System should be applied on the same day, once the primer has cured to maximize adhesion. If a 7-day delay occurs between priming and the Impermitek Waterproofing System application, then it will be necessary to re-apply the primer.

SAFETY & HANDLING

Please, refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published recommendations. 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 Temperature ²	Substrate Temperature ²	Rain Proof & Pot Life ³	Next Layer Minimum ³	Next Layer Maximum ³
0.06 (0.25)	107 - 322 (10 - 30)	41° - 104°F (5° - 40°C)	41° - 104°F (5° - 40°C)	10 – 15 Minutes	10 – 30 Minutes	24 Hours

- *Notes:**
1. Coverage is approximate and may be affected by surface-profile.
 2. Ensure all materials and substrates remain at least 5°F (3°C) above dew point temperature.
 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 Profile	Application Rate gal / ft ² (L / m ²)	Thickness (DFT) mils (mm)
SSPC-SP3	0.01 – 0.04 (0.05 – 0.15)	0.4 - 1 (0.01 – 0.03)

PHYSICAL PROPERTIES		
Description	Property	Standard
Color	Black	-
% Solids	27	ASTM D1644
Flash Point °F (°C)	39.2 (4)	ASTM
VOC Content (g/L)	617	EPA Method 24

***Note:** Data represented above are average values, unless noted otherwise.

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