

2-K PERFORMANCE CONCRETE PRIMER PRODUCT DATA SHEET

IMPERMITEK
Advanced Seamless Technologies



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	UNIT SIZE	APPROXIMATE COVERAGE
122066-SC	1.06 gal (4 L)	430-646 ft ² (40-60 m ²)

DESCRIPTION

Impermitek's 2-K Performance Concrete Primer is a multi-functional primer for use with Impermitek IR-26 and Impermitek IR-Eco.

2-K Performance Concrete Primer is suitable for use on surfaces including asphalt built-up roofing, SBS modified bitumen membranes, mineral surfaced cap sheets, asphalt, coal tar pitch, wood, concrete, masonry, metals and other substrates subject to adhesion testing.

FEATURES

- Touch dry in 30 minutes
- Has anti-corrosion properties for metals
- Can be overcoated in 2-4 hours

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 41°F (5°C) or above 77°F (25°C). Approximate maximum shelf life is 12 months when properly stored, sealed, and unmixed.

***Note:** This product is protected with a layer of nitrogen. This secures a storage life of 12 months—provided that the container is stored unopened in dry condition at recommended ambient temperature. Once the container is opened, the layer of nitrogen will dissipate, and storage life be limited. If water enters the adhesive container, carbon dioxide will be released and may cause pressurization.

WARNING

The prime ambient application temperature is within 41°-86°F (5°-30°C). The substrate temperature at application should be a minimum of 41°F (5°C), and a minimum of 5°F (3°C) above the dew point temperature.

Minimum cure and maximum re-coat times should always be followed. When the primer is left exposed to the elements for longer than the recommended period, or has been contaminated, or damaged beyond cleaning or repair, it must be completely removed and re-applied.

Adhesion/peel tests should be performed prior to application to ensure adequate bond can be achieved.

MIXING & APPLICATION

Before applying the 2-K Performance Concrete Primer, ensure that substrates are prepared correctly in accordance with the relevant application recommendations.

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of Part A-base resin then slowly add the entire contents of Part B-activator to the resin and continue mixing for 2 - 5 minutes or until thoroughly mixed.

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

SAFETY & HANDLING

Please, refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with the 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	Touch Dry & (Pot Life) ³	Next Layer Minimum ³	Next Layer Maximum ³
1.06 (4)	430 - 646 (40 - 60)	41° - 86°F (5° - 30°C)	41° - 86°F (5° - 30°C)	1-hour (8-hours)	2 - 4 hours	7 days

- *Notes:** ¹ Coverage is approximate and may be affected by surface-profile.
² Application temperatures between 41°F (5°C) to 86°F (30°C).
³ Pot life, touch dry, next layer, and cure times are approximate, based on a working temperature at 68°F (20°C) and may vary depending on sun exposure, wind, humidity, as well as the ambient, substrate, and resin temperatures at time of application.

APPROXIMATE COVERAGE RATES				
Substrate Profile	gal/ft ² (L/ft ²)	ft ² /gal (ft ² /L)	gal/100ft ² (L/m ²)	Thickness (DFT) mils (mm)
Smooth (CSP 3)	0.0016 (0.0062)	610 (161)	0.16 (0.10)	4 (0.10)
Rough (CSP 5)	0.0025 (0.0093)	407 (108)	0.25 (0.07)	2 (0.06)

PHYSICAL PROPERTIES		
Description	Property	Standard
Color	beige	-
% Solids (by volume)	71%	-
Viscosity (cSt)	20.5	-
Mix Ratio	Volume 5:1/Weight 10:1	-
Touch Dry 68°F (20°C)	30 minutes	-
Min Overcoating Time	2 - 4 hours	-
Pot Life 68°F (20°C)	8 hours	-
Flash Point °F (°C)	80.6 (27)	ASTM D93
VOC g/L	< 100	EPA Method 24

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

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