

SELECTION & SPECIFICATION DATA

Generic Type	Damp Concrete Primer
Description	A two-component, 100% solids epoxy sealer designed for use on damp concrete. This product has excellent adhesion to cold and damp concrete. This product has exceptional sealing capability that easily penetrates pores and tiny cracks in concrete and masonry surfaces.
Features	<ul style="list-style-type: none"> • 100% Solids • Excellent wetting properties • Superior penetration and adhesion properties creating a stronger bond between the topcoat and the concrete substrate • Resistance to stress cracking • User friendly • Easily applied by brush, roller and spray
Color	Blue (0100)
Dry Film Thickness	<p>102 - 152 microns (4 - 6 mils) per coat minimum, depending upon the porosity of the concrete</p> <p>If spray application is being used, multiple passes will be required to achieve the desired thickness.</p>
Solids Content	By Volume 100%
Theoretical Coverage Rate	<p>39.4 m²/l at 25 microns (1604 ft²/gal at 1.0 mils)</p> <p>9.8 m²/l at 100 microns (401 ft²/gal at 4.0 mils)</p> <p>6.6 m²/l at 150 microns (267 ft²/gal at 6.0 mils)</p> <p>Allow for loss in mixing and application.</p>
VOC Values	As Supplied : 2 g/L
Specific Gravity	<p>Base: 1.20 ± 0.03</p> <p>Hardener: 1.00 ± 0.03</p> <p>Mixed Material: 1.13 ± 0.03</p>

SUBSTRATES & SURFACE PREPARATION

Concrete	<p>NACE No 6/SSPC-SP13 surface prep.</p> <p>Allow new concrete to cure for 30 days. Mechanically scarify or abrasive blast to remove laitance or glaze. Ensure all grease, oil, or any surface contaminants are removed with a suitable surfactant cleaner prior to application.</p>
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MIXING & THINNING

Brush Grade Pot Life	40 minutes: 200 gm mass @ 25°C (77°)
Mixing	<p>Component Details for Color:</p> <p>Blue (0100): The Base is blue (0100) and the Hardener is Amber (0908)</p>
Ratio	<p>2:1 Base to Hardener by volume</p> <p>100gm Base to 41.67gm Hardener by weight</p> <p>DO NOT THIN.</p>

SP-1264

PRODUCT DATA SHEET



APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

Spray Application	Airless Spray equipment (56:1 Pump or higher) can be utilized with regular monitoring of the premixed material to be carried out during the specified Pot Life. Otherwise, a plural component airless spray unit can be used.
Roller	Can be roller-applied which will aid in wetting the concrete surface.

APPLICATION CONDITIONS

Condition	Material	Surface	Ambient
Minimum	20°C (68°F)	10°C (50°F)	10°C (50°F)

The substrate temperature must be a minimum of 3°C (5°F) above the dew point temperature before proceeding with the coating operation.

CURING SCHEDULE

Touch Dry | 2 hours at 25°C (77°F)

Surface Temp.	Recoat	Dry Hard (Spray Grade)	Dry Hard (Brush Grade)
25°C (77°F)	6 Hours	8 Hours	8.5 Hours

The recommended Recoat Intervals are general guidelines only. The Recoat intervals may vary significantly due to variable conditions including but not limited to, humidity, surface temperature, and product application temperature. Contact your SPC representative for assistance in determining minimum and maximum recoat intervals specific to your application. The ideal time to Recoat is when the coating is slightly tacky.

CLEANUP & SAFETY

Cleanup	Carboline Thinner 2 or SP-100 Equipment Wash
Safety	Refer to SPC's Safety Data Sheet prior to use. Carefully read and follow all safety instructions on labels and packaging. Handle and store material with care in accordance to the Safety Data Sheet. Follow and observe any applicable local or national laws and regulations.

PACKAGING, HANDLING & STORAGE

Shelf Life	A maximum of 24 months from the date of manufacture if the materials are in unopened containers. DO NOT FREEZE.
Storage	Store in a cool, dry, well-ventilated area at temperatures between 5°C (41°F) and 50°C (122°F). Keep the lids sealed.
Packaging - Spray Grade	60 Liter (15.9 Gallon) Kit Part A: 40 liters (10.6 gallons) Part B: 20 liters (5.3 gallons) 600 Liter (158.5 Gallon) Kit Part A: 400 liters (105.7 gallons) Part B: 200 liters (52.8 gallons)

PACKAGING, HANDLING & STORAGE

Packaging - Brush Grade	1 Liter (0.26 Gallon) Kit
	Part A: 0.67 liters (0.18 gallons)
	Part B: 0.33 liters (0.09 gallons)
	2 Liter (0.53 gallons) Kit
	Part A: 1.33 liters (0.35 gallons)
	Part B: 0.67 liters (0.18 gallons)

WARRANTY

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