



MATERIAL PROCESSING & HANDLING INFORMATION
BD Concrete Primer

Material: BD Concrete Primer
Material Type: Concrete Primer
Application: Concrete Substrates
Application Process: Plural Component Spray Pump, Squeegee, Roller, or Brush

Process Equipment:	Pumps	Dispensing Gun
Plural Component:	Any 1:1 ratio pump (no heat required)	Impingement mix
Hand Process:	Rubber squeegee, 3/8" nap roller, or nylon bristle brush	
Mix Ratio:	1:1	
Mix Instructions:	If mixing by hand, pour equal amounts of "B" component into "A" component and mix for at least ten (10) seconds. Mix only as much product as can be placed in three (3) minutes or less.	

Process Temperature:	Ambient
Process Pressure:	High Pressure Pumps: 450-500 psi Low Pressure Pumps: 50-70 psi
Ready for Overcoating:	When Tack Free
Moisture Content in Concrete:	5% maximum when measured with Tramex-style moisture meter
Application Temperature:	Greater than 0°F <i>Note: If installing on concrete substrates when air and/or substrate temperature is less than or equal to 32°F, perform additional testing as outlined in the Bridge Preservation Testing Concrete Moisture Content – Cold Temperature Applications document.</i>
Dew Point:	Substrate temperature must be 5°F above dew point and rising prior to application of coating materials.
Concrete Surface Preparation:	Provide clean and dry concrete surface. Prepare concrete surface in accordance with SSPC-SP13/NACE No. 6. Achieve a concrete surface profile of CSP-3 to CSP-9.
Application:	Carefully pour/dispense primer to properly prepared area. Protect surrounding areas from excess material. Spread as necessary and allow to cure until tack free. Do not apply to non-porous substrates. If applying to areas that are greater than 1.5" in depth, apply in multiple lifts. If material begins to foam once dispensed, indicates presence of moisture during installation and/or was applied too thick. Remove foamed material, allow to dry, and reapply. When used in cold temperature applications, allow longer cure times before overcoating.
Application Rates:	150 to 200 ft ² per gallon, depending on the porosity of the concrete and surface profile. Maximum overcoat time: 4 hours, after which scuff sand and light recoat is required (2 to 4 wet mils).

	Storage Temp	Storage	Special Handling
A-Side:	50°F minimum 70°F optimum	Keep dry. Keep from freezing. Store in covered temperature	Keep containers closed and protected from atmospheric

	95°F maximum	controlled environment if possible.	contamination.
B-Side:	50°F minimum 70°F optimum 95°F maximum	Keep dry. Keep from freezing. Store in covered temperature controlled environment if possible.	Keep containers closed and protected from atmospheric contamination.

Safety:	<p>Please consult product SDS for full details.</p> <p>Safety glasses, rubber gloves, protective clothing, organic vapor or fresh air respirator.</p>
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