

# BC-PRIME SB

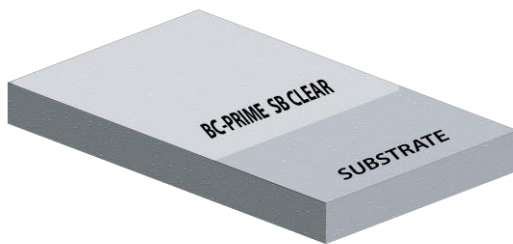
## TWO COMPONENTS, EPOXY-POLYAMIDE SOLVENT BASE PRIMER

### DESCRIPTION:

Epoxy-polyamide, Part A and Part B mixed prior to application, low viscosity, excellent penetrating clear primer for concrete surfaces, excellent fast drying priming and sealing action provides excellent adhesion to concrete substrate.

### PRODUCT FEATURE:

As a curing compound for application on concrete to retard the escape of moisture during cure period. Application prior to surfacing assures tight adhesion between concrete and surfaces. Compatibility with other epoxy and polyurethane coating topping.



### BENEFITS:

- Excellent penetration into concrete substrate to avoid peeling.
- Excellent adhesion strength.
- Fast cure.
- Long pot life.
- Compatible with wide range of topcoats.

### COLORS:

- Clear, Gloss.

### TECHNICAL DATA

Density ( 28°C ) g/cm <sup>2</sup> (mixed)	0.94~0.96 g/ml
Viscosity (28°C) (mixed)	40 cps to 90 cps
Adhesive strength	>2.0MPa (concrete failure)
Flexibility Resistance	Excellent
Number of Coats	1 or 2
Recommended D.F.T. per coat	50 microns
Cleaner	BC-washing thinner
Mixing Ratio by Volume	Part A : Part B 1 : 1
Pot life (working time) 28°C	1 hour
Packing Size	20Ltr
Shelf life & storage (unopened and in good conditions temperature 5°C to 30°C)	24 months

#### Recoating time(28°C) :

Temperature	Minimum	Maximum
16°C	10hours	36hours
24°C	6hours	24hours
32°C	4hours	18hours

Material consumption	0.2 Ltr/m <sup>2</sup>
Estimated coverage at 50μ per coat	5m <sup>2</sup> /Ltr

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#### SUBSTRATE REQUIREMENT & PREPARATION:

- Substrate concrete or screed should be a minimum of compressive strength 25N/mm<sup>2</sup> and adhesive pull-off strength of minimum 1.5N/mm<sup>2</sup> (concrete failure).
- Concrete substrates must be prepared mechanically casing abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.
- Crack and hollows should be properly remedied.
- Rough contamination and high spots can be removed by grinding.
- The substrate should be clean and free from laitance, oil, dust, paint residues, algae, loose and friable material must be completely removed from all surfaces before application of the product.

#### MIXING:

Pour total PART B into the PART A container and mix both liquid part thoroughly for one minute by using a suitable electrical stirrer (with 750watt high power mixer). Until a fully homogeneous mix has been achieved.

#### APPLICATION:

- Apply BC-Prime SB can be use by suitable roller, brush or trowel and overwork with a roller.  
BC-Prime SB should apply within the pot life 60 minute at 28°C
- Substrate temperature should not apply below 5°C above the dew point.

#### CLEANING OF TOOLS:

Clean all the tools and application equipment with BC-Washing thinner before the product hardens.

#### Maintenance and care after cure :

We recommend basic cleaning and maintenance will prolong the life of epoxy floors, clean regularly using a single or double headed rotary scrubber drier in conjunction with alkaline detergent.

#### Further Information:

Warning and precautions information relating to the safe handling of this product should be found in Material Safety Data Sheet. To be advise to put on suitable clothing and eye-wear for protection purpose. The application area/site must be in good ventilation otherwise advisable to use a portable exhaust fan.

#### Important Note:

Best Crete product are warranty against defective materials. Due to different substrate and working conditions, no guarantee of an application result or any liability claims. The users are required to have a test ahead based on their intended use.