

BC-PRIME SF

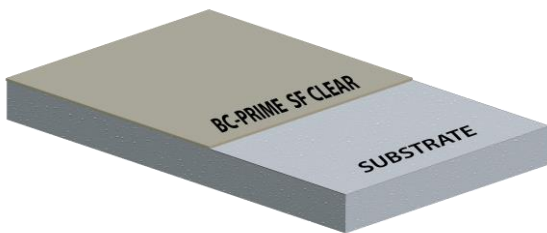
A SOLVENT FREE TWO PART EPOXY PRIMER

DESCRIPTION:

BC-Prime SF is a two - component solvent free epoxy primer with low viscosity, excellent penetrating properties even into damp concrete substrate.

PRODUCT FEATURE:

BC-Prime SF is recommended as a primer for concrete surface prior to application of concrete substrate, membranes, mortar or topping. BC-Prime SF also can be use in workshops, warehouses and mechanical rooms to prevent dusting. Exhibit excellent adhesions between mortar and the concrete substrate.



BENEFITS:

- Compatible with wide range of topcoats.
- Low odor during application.
- Damp tolerant
- Deep penetrating into concrete substrate to avoid peeling

COLORS:

- Clear

TECHNICAL DATA

Density (28°C) g/ml (mixed)	1.00±0.05 g/ml
Viscosity (28°C) (mixed)	800±200 cps
Adhesive strength	>2.0MPa (concrete failure)
Number of Coats	1 or 2
Recommended D.F.T. per coat	100(+/-)5μ
Cleaner	BC-washing thinner
Mixing Ratio by Weight	Part A : Part B 4 : 1
Pot life (working time) 28°C	40min
Packing Size	5kg & 20kg & 200kg
Shelf life & storage (unopened and in good conditions temperature 5°C to 30°C)	24 months
Material consumption	0.2 kg/m ²
Drying time	6-8 hours
Foot traffic (Good Ventilation)	24 hours

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SUBSTRATE REQUIREMENT & PREPARATION:

- Substrate concrete or screed should be a minimum of compressive strength 25N/mm² and adhesive pull-off strength of minimum 1.5N/mm² (concrete failure)
- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.
- Crack and hollows should be properly remedied.
- Rough contaminations 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 750 watt high power mixer) until a fully homogenous mix has been achieved.

APPLICATION:

- Apply BC-Prime SF can be use by suitable roller, brush or trowel and overwork with a roller.
- BC-Prime SF should apply within the pot life 45 minutes at 28°C
- Substrate temperature should not apply 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-ware 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.