

# BC-PRIME WB 55

## A WATER DISPERSED EPOXY RESIN PRIMER

### DESCRIPTION:

BC-Prime WB 55 is a 2-components water dispersed primer base on epoxy resin and polyamide hardener.

### PRODUCT FEATURE:

- New and hardened concrete substrate.
- Epoxy and polyurethane floor coating.
- As a primer for BC-Crete MF, BC-Crete HD, BC-Crete SL, BC-CEM MB and etc.

### BENEFITS:

- Extremely good adhesion on concrete surfaces and most substrate.
- Less sensitive and tolerant with moisture when during application.
- Environmentally friendly, zero VOC
- Solvent free, odor less.
- Easy to apply.

### COLORS:

- Brown



### TECHNICAL DATA

Density ( 28°C ) g/ml (mixed)	1.00 ± 0.2g/ml
Viscosity (28°C) (mixed)	1500 ± 200cps
Solid Content (mixed)	65% ± 2
Application Thickness D.F.T.	150μ±20μ
Number of Coats	1 or 2
Bond strength	>2.0 Mpa ( Concrete failure )
Cleaner	Water
Mixing Ratio by Weight	Part A : Part B 7.5 : 2.5
Pot life (working time) 28°C	30min
Packing Size	10kg
Shelf life & storage (unopened and in good conditions temperature 5°C to 30°C)	12months
Recoating time(28°C) :	within 14 to 18 hours
Material consumption	0.2 kg/m <sup>2</sup>
Estimated coverage at 150μ/coat	5m <sup>2</sup> /kg

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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 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 :

Stir Part A mix for 30seconds by using a suitable electrical stirrer ( with 750 watt high power mixer ), then add all of Part B ( Hardener ) and mix both liquid parts thoroughly for two minute until it fully achieved a homogeneous.

### APPLICATION :

- Apply BC-Prime WB 55 can be use by suitable roller, brush or trowel and overwork with a roller.
- BC-Prime WB 55 should apply within the pot life 30minutes at 28°C
- Substrate temperature should not apply below 5°C and temperature above 40°C.

### CLEANING OF TOOLS:

Clean all tools and application equipment with water immediately after use.

### 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.