

## BC-PRIME EP 38

### A POLYAMIDE CURED PIGMENTED EPOXY PRIMER

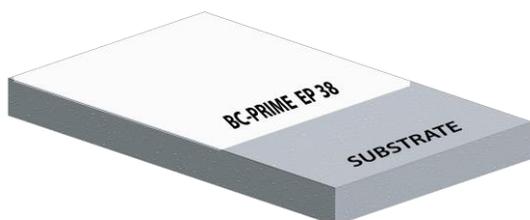
#### DESCRIPTION:

BC-PRIME EP 38 is a two component pigmented with zinc phosphate anti rust inhibitor solvent-based epoxy primer suitable for application over metal, concrete, tiles, plaster board, plastics, fiberglass and timber.

BC-Prime EP 38 can be top-coated with most topcoats including acrylics, polyurethane, epoxies and etc.

#### PRODUCT FEATURE:

BC-PRIME EP 38 can be used as a primer over steel, timber, aluminum, stainless steel, fiberglass, concrete or tile surfaces. It can also be used as a surface over primed surfaces. BC-PRIME EP 38 is always recommended where high quality decorative finish is required. BC-PRIME EP 38 can be applied on porous plastered surfaces as a sealer and sanded to a smooth finish to provide optimum base for high quality decorative finishes.



#### BENEFITS:

- Excellent resistance against abrasion and impact.
- Excellent adhesion over wide range of substrates glaze tiles, ceramic tiles.
- Seals porosity and provide optimum base for high quality decorative finishes.
- Compatible to most top coats such as polyurethane, epoxy, acrylics and etc.

#### COLORS:

- White

#### FINISHING:

- Semi- Gloss

#### TECHNICAL DATA

Volume Solids	55 ± 2%
No. of Component	1 or 2
Recommended Thickness	60μ DFT per coat 110μ WFT per coat
Estimated coverage	10m <sup>2</sup> /Ltr @ 50μ DFT
Drying Time	Touch Dry 3 hour Sanding 16 hour Recoating Time 16 hour
Packing Size	10Ltr & 20Ltr
Maxing Ratio by Volume	Part A : Part B 7.5 : 2.5
Pot Life	1 hour @ 28°C
Thinner	BC-Prime EP 38
Shelf life & storage (unopened and in good conditions temperature 10°C to 30°C)	12months

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#### APPLICATION:

- **SURFACE PREPARATION:** Remove oil or grease from surface to be coated with suitable degreaser or cleaner.
- **STEEL:** For maximum protection, dry abrasive blast to a commercial blast finish in accordance with SSPC-SP6 with blast profile about 15 to 25 microns.
- **CONCRETE:** New concrete shall be cured for at least 10 days. Old and dirty concrete surface especially floors, shall be cleaned by blasting or grinding to remove the contaminated layer. Moisture content shall be less than 4%.
- **MIXING:** Stir component A resin till homogeneous and empty Component B hardener into component A and continue to mix for 3 minutes.
- **THINNING:** Thin not more than 10% by volume with BC-Prime EP 38 Thinner for workability.
- **SPRAY:** Do not apply when the surface temperature is less than 5°C above the dew point. Hold gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun.
- **ROLLER & BRUSH:** BC-Prime EP 38 can also be applied by roller, brush and spray.
- **DRYING:** The drying time is dependent on the environment temperature and sufficient ventilation after application. To ensure proper drying, always apply to the recommended thickness.
- **CLEANING:** Cleaning all application tools with cleaner BC-WS Thinner. Immediately after use.

#### TEMPERATURE CONDITIONS OF APPLICATIONS:

- Do not apply when the relative humidity exceeds 90% on when the surface to be coated is less than 5% above the dew point.
- Do not apply temperatures below 5°C and temperatures above 40°C

#### 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.