

MixPRIME® SB300

Styrene butadiene based surface stabilizing primer for protective coating systems and expansion joint treatment

MixPRIME® SB300 is a cement modified styrene butadiene surface stabilizing penetrative primer with Latex for concrete and masonry surfaces in order to improve adhesion between the substrate and subsequent coats. The unique property of crosslinked Polymer in MixPRIME® SB300 Modified with cement will result as a blow hole filler to fill the porosity of the concrete, mortar and HP clay tiles which is older, damaged and repaired with repair mortars

Appropriation

As a base primer coat for;

- MIXCOAT® AC400 system
- MixFLEX® AC

Characteristics

- Easy to apply
- Improve / stabilizing cement surface strength
- Improves adhesion between the substrate and over coat
- Improves the finish of topcoat
- Specially designed for old age concrete surface with cement based coatings
- Non-toxic

Technical Data & Properties

Appearance	: White emulsion
Specific gravity	: 1.02 at 25 °C
Solid Content	: 48 %±2%
Adhesion	: > 1.50 N/mm ²
Tensile strength	: > 2 N / mm ²
Elongation	: > 200 %
pH	: 7 to 10.5
Chloride content	: Nil
Flammability	: Non-flammable

Product Management

Surface preparation: Concrete substrate shall be dry, sound, clean and uncontaminated. All loose particles, curing compound, shuttering oil, debris etc shall be removed.

Mixing: Mix the compound at the ratio of 2:1:2 (MixPRIME® SB300:water: OP cement (MixPRIME® SB300 content is 0.200L/Sq m) by volume with a slow speed mixer with paddle. Keep mixing in between coating to avoid material settlement.

Application: MIXPRIME® SB300 Slurry @ 0.500L/Sqm applied by brush or roller at 10Sq m/mix depending on substrate porosity and allowed to cure for 2 to 4 hours at 25 deg C before over-coating with MixCOAT® AC400.

In construction or expansion joints treatment, apply firmly by brush in one or more coats and allow to dry for 2 hours and fill the joint with MixFLEX® AC without any modification of MixPRIME® SB300 at 0.200L to 0.400L/Sq m consumption

Temperature Condition: Ambient temperature shall be between 10 and 50 deg C



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Cleaning: Clean the tools with water immediately after use

MixPRIME® SB300 liquid is available in 20ltr pail and it shall be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per manufacturer's recommendations. In extreme tropical climate, the product shall be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life

Health & Safety

MixPRIME® SB300 does not contain hazardous substances. As with all construction chemical products, caution shall always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any contact to skin or eyes with fresh water immediately. Should material be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For details, please refer to the MSDS released on each Fab product

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Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands - on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

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