

BINA PRIME SC 6307

TWO COMPONENTS, HIGH SOLID EPOXY SCRATCH COAT PRIMER

DESCRIPTION:

BINA PRIME SC 6307 is epoxy Scratch Coat is a two-component, solvent-containing, high-build epoxy coating. It is specifically designed as an intermediate leveling coat over epoxy mortar systems to seal surface porosity, fill pinholes, and provide a smooth surface profile before the application of polyurethane or self-leveling epoxy coating as topcoats.

PRODUCT FEATURE:

Suitable as scratch coat/pore filler applied on cured epoxy mortar substrates. It provides smooth, sealed, and even surface prior to application of topcoat. It also suitable for industrial flooring, manufacturing facilities and sport court systems where durable, seamless and uniform finish is required.

BENEFITS:

- High solid- provide thick film in one application
- Excellent substrate wetting- penetrates into pores and void of epoxy mortar
- Good adhesion
- Smooth surface preparation

COLOR:

- Wide range of colors

SURFACE/ SUBSTRATE PREPARATION

The concrete or screed substrate must have a minimum compressive strength of 25 N/mm² and an adhesive pull-off strength of at least 1.5 N/mm² (concrete failure). Surface preparation should be carried out using mechanical methods such as abrasive blast cleaning or scarifying to remove cement laitance and create an open-textured surface. Any cracks or voids must be properly repaired. Rough contaminants and high spots should be removed by grinding. The substrate must be clean, free from laitance, oil, dust, paint residues, algae, and any loose or friable materials, ensuring all surfaces are thoroughly prepared before product application

APPLICATION:

The mixed Scratch Coat Epoxy should be applied immediately after preparation due to its limited pot life. Application can be performed by steel trowel, rubber squeegee, or roller, depending on the desired finish and porosity of the mortar surface. A squeegee or trowel application is recommended to work the coating into surface pores, followed by back-rolling to achieve uniform thickness and remove excess material. Care should be taken to avoid over-application which may result in solvent entrapment or extended curing times. Application thickness should be controlled to achieve the specified dry film thickness of 150-250 µm in a single coat. The coated surface must be allowed to cure for a minimum of 12 hours before overcoating with topcoat, and the maximum interval for overcoating is 48 hours; surfaces exposed beyond this interval should be mechanically abraded to ensure intercoat adhesion.

TECHNICAL DATA

Mixing ratio	4:1 by weight
Pot Life (28° C)	60 mins
Color	Wide range of colors
Material consumption	4.0 m ² /kg
Thickness recommendation	250-micron DFT per coat
Number of coats	1 or 2
Curing Time (30° C)	Touch dry = 2 hours Light traffic = 24 hrs Full traffic =48 hrs Fully cured=7 days
Shelf life	12 months from manufacturing date

PRECAUTION

Do not reuse the product after its working life expires. Always use the entire hardener, as it is pre-measured for the correct mixing ratio. Mix thoroughly, avoiding air entrapment. Remove any splashes on the skin using thinner. Keep containers tightly sealed and out of reach of children. Ensure proper ventilation during application and drying.