

MIXPRIME AC

Penetrative sealer cum water barrier primer for concrete masonry

MIXPRIME AC is a water based reinforced with acrylicco-polymers and graded fillers primer for concrete and masonry surfaces in order to improve adhesion between the substrate and subsequent coats

Appropriation

For MIXCOAT AC400 system

For MIXGUARD HR system

Characteristics

Ready to use

Easy to apply

Improves adhesion

Improves the finish of topcoat

Non-toxic

Technical data & Properties

Appearance: White viscous liquid

Density: 1.2gm/cc

Solids content: 66 % \pm 2% by weight

Elongation at break ASTM D 638: >300%

Adhesion to substrate ASTM D 4541: >1 N/mm²

Tensile strength ASTM D 638: >1.5 N/mm²

Application temperature: 5 °C to 50 °C

Reduction in chloride ion ingress: 94% @ 28 days

Water vapour transmission: 26gms / m²/24 hours

Water absorption: <1% (7days)

Touch dry: 2 hrs at 25 deg C

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. In combo systems apply over the base primer or glass fibre mesh as per the curing time mentioned in the respective products.

Mixing: No dilution is recommended at any stage by stir well with a slow speed mixing machine minimum 4 to 4 minutes prior to start application.

Application: MIXPRIME AC is applied at 3-4 m²/kg depending on substrate porosity and allowed to cure for 2 to 4 hours at 25 deg C before over-coating with MIXCOAT AC400 / MIXGUARD HR / combo systems

on the tools with water immediately after use.

Packing & Storage

MIXPRIME AC is available in 20kg pack 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

The Construction Chemist...



FABCHEM



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