

# MixPRIME® AC

Elastomeric bonding / sealing primer for concrete and masonry surface and water proofing systems

MixPRIME® AC is a modified acrylic polymer with graded fillers primer for concrete and masonry surfaces in order to improve adhesion between the substrate and subsequent coats of water proofing systems.

MixPRIME® AC can be used as an elastomeric bonding medium in multi-layer water proofing system where cement modified slurry as a base coat to get good adhesion between the slurry and subsequent acrylic based elastomeric coatings

## Appropriation

As a base / intermediate primer for  
For MixGUARD® and MixTEX® systems

## Characteristics

- Ready to use
- Easy to apply
- Improves adhesion
- Improves the finish of topcoat
- Non-toxic

## Technical data & properties

Appearance	: White viscous creamy liquid
Specific gravity	: 1.2gm/cc
Standard conforms to	: ASTM D7733-12 (2016)
Solid content	: 65% ± 2% by weight
Elongation at break ASTM D 638	: >300%
Adhesion to substrate ASTM D 4541	: >1.5N/mm <sup>2</sup>
Tensile strength ASTM D 638	: >1.5N/mm <sup>2</sup>
Application temperature	: 5 to 50°C
Reduction in chloride ion ingress	: 94%@28days
Water vapor transmission	: 26gms/m <sup>2</sup> /24 hours
Water absorption	: <1% (7days)
Touch dry	: 2 hrs. at 25°C
Over coatable	: 3-4 hrs. at 25°C

## Product Management

Surface preparation: Good surface preparation practice is a key element to achieve optimum result, life and performance of any coatings. Concrete substrate shall be dry, sound, clean and uncontaminated and free from any defects, sharp arises etc. All loose particles, curing compound, shuttering oil, debris etc shall be removed

Mixing: No dilution is recommended at any stage, stir well with slow speed mixing machine with suitable paddle for 4 to 5 minutes prior to start the application

Application: MixPRIME® AC is applied at 0.250kg/Sq m above The base primers and in case applying directly over the surface the consumption may slightly increase depending on substrate porosity and allowed to cure for 2 to 4 hours at 25°C before over-coating with MixGUARD® / MixTEX® systems

Cleaning: Clean the tools with water immediately after use



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## Packing & Storage

MixPRIME® AC is available in 5/10/20kg 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

## Health & Safety

MixPRIME® AC 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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