

MIXBUILD FC

Polymer modified single component fairing coat



the construction chemist...

Introduction

Mixbuild FC is a single component polymer modified fairing coat to fill pores, blow holes, etc. on a concrete surface. It can be used as a skim coat prior to the application of protective coatings. This is a shrinkage compensated. Crack free material which can be applied using thin coats. Adhesion to the substrate and flexibility is very good. It is suitable for application in the range 0.5-5.0mm.



Appropriation

- To repair patches, shutter movement damages and grout loss
- To cover honey comb, concrete blow holes etc.
- As a preparation coat prior to the application of protective coatings
- To create a uniform surface over repaired areas

Characteristics

Requires only the addition of water
Shrinkage compensated and crack resistant
Excellent adhesion to concrete
Low permeability, resistant to the attacks of chlorides and other chemicals
Smooth, easily applied and flexible

Technical Data and Properties

Property	@ 20°C	@35°C
Working Life (Approx)	45mins	20mins
Setting Time (BS5075)	60mins	45mins
Fresh Wet Density	1840 kg/m ³	
Compressive Strength (ASTMC 109)	@ 7Days	@28Days
	25N/mm ²	40N/mm ²
Elongation		

Product Management

Mixbuild FC should be mixed with clean water to attain the required consistency. The quantity of water per 25 KG bag is 5 -7 liters. It is advisable to use an electric drill type mixer. Over mixing should be avoided. The mixed material should be applied to the complete area with minimum of trowelling. Leave for a short period before final trowelling. For minor blemishes apply with a brush or roller after which the excess material is scraped off.

Preparation: The surface that is to receive Mixbuild FC should be sound, clean and free from contaminates. All loose particles must be removed. The concrete surface should be thoroughly soaked prior to the application, and if needed apply a suitable bonding agent. Void fillings can be made by using putty like consistency of the material

Curing: Good curing is essential for achieving better results. Particular caution should be exercised during and windy conditions

Cleaning: Clean the tools with water

Coverage: One bag of (25 kg) of Mixbuild FC will yield around 16.67 liters mixed materials.



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Packing & Storage

Mixbuild FC is available in 25kg bags. For site installations or mass consumptions, Deliveries shall be made in bulk custom-designed containers. Mixbuild FC should 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 Recommendations. In extreme tropical climate, the product must be stored in cooled Ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life

Health & Safety

Mixbuild FC contains no hazardous substances. As with all construction chemical products, caution should 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 the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each PyChem product

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-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 and porosity of substrate may impinge on values



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