



DUROBUILD FC

Polymer Modified Single Component Fairing Coat

PRODUCT INFORMATION

Introduction

DUROBUILD 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 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 - 0.3mm.



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	1480 kg/m ³	
Compressive Strength (ASTMC 109) Elongation	@ 7Days	@ 28 Days
	23N/mm ³	35N/m ³

PRODUCT MANAGEMENT

- ◆ DUROBUILD FC should be mixed with clean water to attain the required consistency. The quantity of water per 20KG bag is 7-8 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 toweling. 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 DUROBUILD 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 (25kg) of DUROBUILD FC will yield around 16.67 liters mixed materials.

PACKING AND STORAGE LIFE

- ◆ DUROBUILD FC is available in 25Kg bags. For site installations or mass consumptions.
- ◆ Deliveries shall be made in bulk Custom designed containers. DUROBUILD FC should be stored in cool, dry and shaded warehouses. Shelf life is 12 month 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

- ◆ DUROBUILD 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 Durotech product.



14 Essex Street, P.O Box 5092, Minto, NSW 2566

+61 2 9603 1177

+61 2 9475 5059

sales@durotechindustries.com.au

www.durotechindustries.com.au

The information provided in this data sheet is correct at the time of printing (albeit is subject to change at any time) and is intended to give a simple description of the product and its capabilities. In practice, the substrate, intended surface to be treated and environmental conditions vary widely, making it essential for the user to determine the products suitability for a particular application and to ensure that the product is not used beyond its physical limitations. If in doubt contact the manufacturer. The product will perform as described herein provided it is applied in accordance with the manufacturer's instructions as stated in this data sheet and provided that the building and installation is structurally sound and the application is carried out competently. Durotech terms and conditions of sale apply.