



# SOLIDFLEX FBR

A Trowel Applied Single Pack Fibre Reinforced Water Resistant Cementitious Render



## BENEFITS

- > Prepacked factory controlled mortar.
- > Ready to use - Only precise quantity of water to be added.
- > Can resist hydrostatic pressures.
- > Ensures perfect watertightness.
- > Compensates the shrinkage and ensures perfect bonding.
- > Fibre reinforced mortar.
- > Increases compressive and tensile strength.

## DESCRIPTION

**SOLIDFLEX FBR** is a fibre reinforced prepacked cementitious water resistant render which is to be trowelled upto required thickness (recommended thickness 10 ~ 15 mm), normally to be used in conjunction with **SOLIDFLEX CW** as a primer.

## USES

**SOLIDFLEX FBR** is used for protection of all structures, terrace slabs, basements, water tanks, foundations, retaining walls, swimming pools, bridges, lift shafts, tunnels, dock gates, dams, reservoirs etc.

## PACKING & COVERAGE

**SOLIDFLEX FBR** is supplied in 25 kg HDPE bags. 25 kg bag yields approx 11 litre and has a coverage of 1.5 m<sup>2</sup> at 10 mm thickness

## SPECIFICATION

**SOLIDFLEX FBR** is a prepacked cementitious water resistant render supplied in 25 kg bags having a coverage of 1.5 m<sup>2</sup> for 10 mm thickness, used strictly in accordance with the instruction of **SOLID**.

## SHELF LIFE & STORAGE

**SOLIDFLEX FBR** will have a shelf life of 12 months in unopened container when kept in dry conditions at a temperature between 5 ~ 45 °C. Storage at higher temperature or high humidity may reduce shelf life.

## HEALTH & SAFETY

**SOLIDFLEX FBR** is non toxic and dry splashes must be washed with water.



## HOW TO USE

### Surface Preparation :

- 1) All surfaces where application is to be done, must be clean and free from oil and contamination. All loose particles must be removed by wire brushing.
- 2) All surfaces where application is to be done, must be wet thoroughly with water. Absorption should be allowed and excess water should be removed before application of **SOLIDFLEX FBR**.

**Mixing :** **SOLIDFLEX FBR** should be mixed with a mechanical mixer using an electric drill. Place the required amount of water in the container. (4.75 ~ 5 litre of water / 25 kg bag) and while mixing add the powder slowly and mix till homogeneous trowellable consistency is obtained.

**Application :** Apply **SOLIDFLEX CW** (see separate data sheet) by brush as a primer coat. When **SOLIDFLEX CW** is wet lay **SOLIDFLEX FBR** mortar and finish the surface.

**Curing :** **SOLIDFLEX FBR** treated surface can be used after 5 days. Normal water curing can be carried out and surface should be kept wet for minimum 5 ~ 7 days.

**Cleaning :** All tools can be washed with water immediately after use.



## QUALITY ASSURANCE

**SOLID** manufactures the entire range of construction chemical under compliance of SIRIM and other international standards (ASTM, BS, GBI, LEED).

## TECHNICAL SERVICES

While new advance and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our technical personnel and experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

**Disclaimer :** The information provided in the data sheets is based on both current development of work and years of field experience. Efforts are made to ensure that the information is reliable, however, we cannot accept the responsibility for any work carried out with our materials as we have no control over methods of application, site conditions etc. In view of continuing research and development (R&D) undertaken in our laboratories, we advise customers to ensure that the data sheets provided are not superseded by an updated publication. All products are sold are subject to our standard condition of sale, which is available on request. Field services, where provided, does not constitute supervisory responsibility. For additional information, please contact our local SOLID representative.



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