



Features

FF DuraFix Basic is a quality assured thin set polymeric cement-based tiles fixing adhesive for basic tile fixing requirements.

It is recommended for use of absorbent type Ceramic and Cement Tiles for both wall and floor tiling in tile sizes up to 300mm*300 mm.

The FF DuraFix Basic by Freeform is made using special additives and selected fillers.

Key features include:



High Adhesion to Substrate
Less peeling off | High bonding



High Bonding
Better adhesion



Thin Layer Application
Environment friendly



High Strength
High durability | Low maintenance cost



High Consistency of Material
Peace of mind



Low Requirement of Curing
Less supervision required at site



High Workability
Fast completion of project



Extensively Tested at Factory
Quality assured

Application

Can be used for all type of tiles on

- Plastered surfaces
- Concrete

Suitable for interior surfaces only.

Appearance

Single component premixed plaster powder- ready to use with addition of clean water

Specifications

Please refer to page 3

Output/ Coverage

~1.3 kg/mm/m²

Application Thickness

2 to 12 mm

Base Surface Preparation

Base surface should be clean and free of any dust, grease and loose particles or any other material that may restrict adhesion. Any water proofing if required should be completed first.

The surface should be dimensionally stable, and free from any de-bonding agents or rising damp.

Ensure proper flat level of the base as that will be more economical in use. Undulations over 10 mm should be corrected by suitable screed/plaster.

Floor bases must be checked and have a minimum Cohesive Tensile strength of 2.5N/mm² and wall bases must have a minimum Cohesive tensile strength of 1N/mm² for the application.

Waterproofing membranes of polymeric, bituminous, or even cementitious surfaces may require a layer of Screed application before the tiling can take place for proper adhesion.

This adhesive is NOT suitable for fixing stones or tiles larger than 300 mm per side in flooring or walls.

- Do not apply in temperature below 5°C and above 50°C.
- Do not apply on substrates other than that of concrete.

Curing

The covered surface should be cured for a period of 5 days. Avoid direct rainfall or freezing temperatures during the first 24 hours after use.

Open to Traffic

Tiles may be subjected to foot traffic after 2 days and full cure is assumed to be 5-7 days depending on weather conditions.

Packing

25 kg bag

Shelf Life

6 months from date of packing before opening. Use within few hours of opening. Store carefully away from dampness and moisture.

Green Certification

This product is GreenPro Certificated and qualifies as Green Product by CII- Green products and services council

Technical Support

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Applicable Standards

Standard	Marking
As Per EN 12004-1: 2017	C1
As per IS 15477: 2019	Type 1

Specifications

Test Name	Relevant Standard	UOM	Requirement	Result	Meaning
Maximum Size of Aggregate	EN 1015-1:1999	mm	NA	≤ 1	
Workable Life	EN 1015-9:1999	min	NA	≥ 120	
Final Setting Time	EN 196-3: 2003	min	NA	~350	
Initial Tensile Adhesion Strength	EN 12004-2:2017	N/mm ²	≥ 0.5	Conforming	High adhesion strength
Tensile Adhesion After Water Immersion	EN 12004-2:2017	N/mm ²	≥ 0.5	Conforming	Suitable for wet areas
Tensile Adhesion After Heat Aging	EN 12004-2:2017	N/mm ²	≥ 0.5	Conforming	Suitable for area subject to high temperatures up to 70° C
Shear Adhesion Dry	IS 15477:2019	N/mm ²	≥ 1	Conforming	Good shear strength—Especially relevant for walls
Slip (T)	EN 12004-2:2017	mm	≤ 0.5	Conforming	Thixotropic— Will not slip during fixing—Good for walls
Extended Open Time (E)	EN 12004-2:2017	min	≥ 0.5 after 30min	Conforming	Longer use time without loss of strength—Good for exteriors
Adjustment Time	IS 15477:2019	min	Tbd by manufacturer	≥ 30	Longer working time
Water for Mixing	NA	%	Tbd by manufacturer	20 to 24%	(Needs to be verified as per site conditions before start of work)

Disclaimer

Any recommendations for application techniques are based on experiences. It is advisable to adapt processing techniques and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery.

Health Precautions

Adequately protect hands and eyes. In case of contact with eyes consult doctor immediately

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