



## PRODUCT TECHNICAL DATA SHEET

### SUPAFIX TILE ADEHESIVE

Pre-Packed Cementitious Tile Adhesive  
Class C2

#### Product Description

Supafix is a premix packed cementitious tile adhesive made of cement, aggregate, organic and inorganic additives for laying ceramic tiles. Supafix Tile Adhesive has good bonding and consistency in different environmental condition, and can be used for adhering different kind of tiles, it only requires the addition of water. Supafix is the ultimate Tiler's choice because it is fast and easy to use, the product provides a neat, strong finish; testament to the Lafarge brand.

#### Unique Advantages

Supafix Tile Adhesive provides the following unique advantages:

- Factory Pre-mixed – Consistent quality
- Good workability- saves time
- High Quality Raw materials used
- Better Coverage- A bag of Supafix (20kg) can cover approximately 5m<sup>2</sup>(i.e. 32 of 40x40 tiles)
- Tiles can be adjusted up to 20minutes after application
- Excellent bonding adhesion
- Economically save up to 20% when compared to conventional sand and cement mix
- Waste reduced considerably
- Can be applied both internally and externally at any height

#### Substrates

Supafix can be use on the following substrates

- Concrete
- Cementitious plaster and render
- Hollow and solid masonry
- Hard natural and reconstituted stone

#### Standard

#### Approval Requirement / Test Method

BS EN 12004-1  
NIS ISO 13007-1  
BS EN 12004-2  
NIS ISO 13007-1



## Form

### Colour

Grey

### Packaging

- 20Kg bag
- 75 bags or 100 bags per Palette (i.e.1.5 tons or 2 tons respectively)

## Storage

### Storage Condition / Shelf-Life

6-12 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +15°C and +35°C. Protect from direct sunlight and humidity.

## Technical Data

### Density

1.25 Kg/L

### Water Needed

6-7 Liters per 20Kg bag

## Mechanical Properties

Tensile Adhesion Strength@28Days N/mm <sup>2</sup>	≥1
Open Time : Tensile Adhesion strength N/mm <sup>2</sup> (After not less than 20mins)	≥1
Slip mm	0

## Application

### Consumption / Dosage

A bag of Supafix (20kg) can cover approximately 5m<sup>2</sup>(i.e. 32 of 40x40 tiles) on a well plumb substrates surface.

### Substrate Preparation

The substrate must be structurally sound and free from all traces of loose material, laitance, oil and grease. Substrates must be saturated surface dry (no standing water).

### Mixing

Add just 6 – 7 liters of water to one bag of Supafix C2 (20kg), then mix properly till you get a consistent mixture. Using your hand trowel, take a portion of the mixture and turn upside down. If it remains on the trowel, then the consistency of the mixture is ok.

### Supafix Application

Apply Supafix Tile Adhesive on the substrate using a notched trowel in order to achieve a minimum uniform thickness. Press firmly the tile into the substrate for a few seconds to ensure good contact with the adhesive. The notch trowel comes in 6mm, 8mm, 10mm size depending on the size of tiles you have.



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## Data Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests and Historical used of Supafix. Actual measured data may vary due to circumstances beyond our control.

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## Health, Safety &

## Environment

### Cleaning of Tools

Clean all tools and application equipment with water immediately after use.  
Hardened / cured material can only be removed mechanically.

### HSE

Use proper engineering controls, work practices, and personal protective equipment to prevent exposure to wet or dry product. The use of basic PPE like hand gloves, nose mask, safety glasses and safety shoes are very important.