

# K2 TILEFIX

## Polymer Modified Tile Adhesive

### Description:

K2 TILEFIX is single component polymer modified based tile adhesive for fixing tiles on floors in interior surfaces. It forms strong bond with concrete and plaster surfaces.

### Area of Application:

For the enduring installation of ceramic, porcelain and vitrified tiles on horizontal interior surfaces. Can be used for the installation of small format stone on horizontal interior surfaces.

### Benefits:

- Ready to use, needs no curing.
- Polymer Modified adhesive.
- Excellent bond adhesion.
- Easy mixing & application.
- Low Shrinkage and crack resistant.
- Time saving & increase productivity.
- Trafficable after 24 hours.

### Technical Properties:

Properties	Results
Appearance	Grey Powder
Bed Thickness	3 to 6 mm
Mixing Ratio	Approx. 10-12 ltr water in 40 kg pack.
Mix Density	1.85 g/cc
Pot Life	60 minutes
Open time	Min. 20 minutes
Adjustment Time	Min. 15 minutes
Time to traffic	24 Hours
Tensile Adhesion - Dry Condition	>0.5 N/mm <sup>2</sup>

### Classification in compliance with conforming to IS 15477:2019

- It conforms **Type -1** as per **IS 15477:2019**.

### Application Instruction:

#### SURFACE PREPARATION

- The Surface should be sound and clean, free from dust, grease, oil, loose material, paint etc.
- The surface must be in SSD condition before application.

#### MIXING PROCESS

- K2 Tilefix 40 kg powder to mix gradually in approx. 10 to 12 ltr of clean water and mix thoroughly until a lump free mortar achieved.
- Mix with a trowel or slow mixer for homogeneous mix.
- Allow it to slake for 5 minutes.

- Mix the required quantity, which can be used within 60 minutes.

#### APPLICATION PROCESS

- Spread the adhesive uniformly on the surface.
- Comb the surface with the notched trowel to required depth of 3-6 mm.
- Press tiles firmly with a twist to ensure good contact in maintain on back of each tile and to eliminate possibility of any air void.
- Tiles should be applied within 15-20 minutes of adhesive being applied.
- Keep adequate joints between two tiles using spacers.
- Clean off surplus adhesive from the tile face and between joints.
- Fill the joints with K2 Epoxyfil TJF after 24 hrs.

## Precautions:

- Always add powder to water and never add water to powder.
- Surface should be cleaned and roughed.
- Not recommended for vertical cladding of heavy tiles and stones.
- Not recommended for tile on tile application.
- Never add excess water than recommended.
- The Surface should be hard and in sound condition for floor tiling.
- Do not use in Damp conditions.
- Not recommended for tiling on paint, wood, metal and gypsum.

## Coverage:

- 100-110 sq.ft. for 40 kg bag at 3 mm thickness.
- 70-80 sq.ft. for 40 kg bag at 5 mm thickness.

## Packing:

K2 TILEFIX is available in 40 kg Pack.

## Shelf Life and Storage:

K2 TILEFIX has a Shelf life of 12 Months from the date of manufacturing. Store the material in cool and dry place.

## Health & safety:

K2 Tilefix is not hazardous. It should not be swallowed or allowed to come into contact with the skin and eyes. Protective gloves, Nose mask and goggles should be worn. Contact with the skin for long tenure should be avoided. In case of contact with the eyes, it should be rinsed immediately with plenty of water and medical advice sought immediately.

## FIRE:

K2 Tilefix is non-flammable.

## Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.

## Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Private Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicator.

**KONKEM**

KONKEM INDUSTRIES PVT LTD

A Group Company of **JAY**

Jay House,

Panchvati Circle, Ambawadi,

Ahmedabad 380006. India

Phone: 079-69073222

Email: [infok2@konkem.com](mailto:infok2@konkem.com)

Website: [www.konkem.com](http://www.konkem.com)

**TILEFIX**



#01/0524