

K2 PROFIX

Non-Skid Tile Adhesive

CONFORMS TO
IS 15477:2019
TYPE 2T

C1TE
AS PER ISO 13007-1

Description:

K2 Profix Adhesive is a polymer-modified thin-set tile adhesive used for fixing ceramic, semi-vitreous, vitrified tiles, and natural stone of standard size. It is suitable for application on vertical and horizontal surfaces over cementitious substrates for indoor use in dry and wet areas. It is also suitable for tile-on-tile applications.

Area of Application:

- Floors and walls for tile and stone installation
- Internal areas in dry and wet conditions
- External shaded areas
- External areas exposed to weather

- Suitable for new construction and renovation works
- Applicable for residential and commercial projects

Benefits:

- Easy to use; requires addition of water at site before use.
- Suitable for tile-on-tile application on floors.
- Sag-resistant; suitable for vertical applications.
- Water-resistant; suitable for wet areas.
- Provides adhesive bond to cement-based substrates.
- Low VOC content.

Technical Properties:

Properties	Results
Appearance	Grey cement powder
Bed thickness	3-12 mm
Mixing ratio	5.0 to 5.6 Liter water in 20 kg bag
Pot life	120 minutes
Open time	30 minutes
Adjustment Time	35 minutes
Time to traffic	24 hours
Tensile Adhesion - Wet Condition	$\geq 1.0 \text{ N/mm}^2$
Tensile Adhesion - Dry Condition	$\geq 1.0 \text{ N/mm}^2$

Classification in compliance with ISO 13007 -1 & conforming to IS 15477:2019

- K2 PROFIX is **C1TE** (Normal Cementitious Adhesive) with slip resistant **(T)** Extended Open Time **(E)** tile adhesive category as per **ISO 13007-1**.
- It is conform to **Type -2T** 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.
- Movement joints to be filled with suitable joint filler.

- The surface must be in SSD condition before an application.

MIXING PROCESS

- K2 PROFIX 20 kg powder to mix gradually in approx. 5.0 to 5.6 Ltr of clean water and mix thoroughly until a slump free mortar achieved.
- Mix with a trowel or slow speed drills for homogeneous mix.
- Allow it to slake for 5 minutes.
- Mix the required quantity, which can be used within 120 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 the tiles firmly into position with a slight twisting action, ensure that good contact is maintained back of each tile with a surface and eliminate the possibility of any air void.
- Tiles should be applied within 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.

Precautions:

- Do not apply on gypsum plaster or boards, fibre cement boards, drywall partitions, plywood, chipboard, particleboard, decorative laminates, resilient flooring, metal, plastic, deformable substrates.
- Tile adhesives are not a substitute for waterproofing systems
- Apply a waterproofing coating prior to tiling in wet areas.
- Do not use for fixing artificial, nano, engineered stone, composites, or metal tiles.

Coverage:

50-55 sq ft for 20 kg bag at 3 mm thickness.

Packing:

K2 PROFIX is available in 20 kg Pack.

Shelf Life and Storage:

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

Health & safety:

K2 PROFIX 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 PROFIX 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 application.

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