

K2 UNIFIX

Cementitious Polymer Modified High Performance Non Shrink Tile Adhesive



Description:

UNIFIX is a Cementitious polymer modified high performance tile adhesive. Suitable for fixing ceramic and vitrified tiles on internal and external plastered wall and floor surface.

Area of Application:

- Permanent Fixing of ceramic and vitrified tiles.
- Internal and external wall & Floor substrate for tile on tile application.

Benefits:

- Ready to use, needs no curing.
- High Adhesive bond strength.
- Non Slip and has excellent grab properties.
- Non shrinkage and crack resistant.
- Flexible to accommodate thermal & physical movement.
- Time saving and increases productivity

Technical Properties:

Properties	Results
Appearance	Grey Cement Powder
Bed Thickness	3 – 6mm
Mixing Ratio	Approx. 6 ltr water in 20kg pack.
Pot Life	Approx.1 Hours at 27°C
Open time	Approx. 15 minutes at 27°C
Adjustment Time	Approx. 15 minutes at 27°C
Time to traffic	24 Hours
Tensile Adhesion - Dry Condition	1.25 N/mm ²
Tensile Adhesion - Wet Condition	1.21 N/mm ²

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

- K2 UNIFIX is improved Cementitious adhesive (C2).
- It is a confirms to IS 15477 -Type -2.

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 UNIFIX 20 Kg powder to mix gradually in approx. 6Liter 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 60 minutes

APPLICATION PROCESS

- Spread the adhesive uniformly on the surface.
- Comb the surface with a notched trowel to required depth of 3-6mm.
- 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 15 to 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:

- Always add powder to water and never add water to powder. Never add excess water than

Important Note:

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recommended.

- Not recommended for cladding of heavy stones.
- The Surface should be hard and in sound condition for floor tiling.
- Not recommended for tiling on paint, wood, metal and gypsum plaster.

Coverage:

- 50-55 sq ft for 20kg bag at 3mm thickness.
- 30-35 sq.ft for 20kg bag at 5mm thickness.

Packing:

K2 UNIFIX is available in 20 kg bag Pack.

Technical Support:

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