

K2 WHITE GTA

Glass Mosaic & Marble Adhesive



Description:

K2 WHITE GTA is a high performance white cement based polymer modified adhesive suitable for fixing glass mosaic, glass tiles and marble for an internal as well external Surfaces.

Area of Application:

Designed especially for fixing of glass mosaic tile, glass tile, marble and natural stone for internal and external wall & floor surfaces.

Benefits:

- Ready to use, needs to be mixed with water

only.

- Suitable for indoor as well as tile on tile application.
- Low shrinkage and water resistant.
- Excellent adhesion.
- Sufficiently flexible to accommodate thermal movement.
- Needs no curing.
- Soaking of tile and hacking of surface not required.
- A Floor can be used after 24 hours.

Technical Properties:

Properties	Results
Appearance	White powder
Bed thickness	2-12 mm
Mixing ratio	5.2 to 6 Liter water in 20 kg bag.
Pot life	Approx. 1 hours at 27°C
Open time	Approx. 20 minutes at 27°C
Adjustment Time	15 Minutes
Time to traffic	24 hours
Tensile adhesion	7 days 1.5 N/mm ²
Shear bond strength	28 days 0.5 N/mm ²
Direct pull of strength	1.4 N/mm ² at 28 days
Tensile Adhesion - Dry Condition	1.74 N/mm ²
Tensile Adhesion - Wet Condition	1.72 N/mm ²

CLASSIFICATION IN COMPLIANCE WITH ISO 13007 -1& CONFORMING TO IS 15477

- K2 WHITE GTA is improved the cementitious adhesive (C2) with slip resistant (T). -C2T.
- It is confirming to IS 15477 -Type -3 with Slip resistance (T).

Application Instruction:

SURFACE PREPARATION

- The Surface should be sound and clean, free from dust, grease, oil, loose material, paint etc.
- Rough or uneven surface should be leveled with suitable polymer modified mortar.
- New concrete slab should be damp cured and 28 days old before application.

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

MIXING PROCESS

- K2 WHITE GTA 20 kg powder to mix gradually in approx. 5.2 to 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 60 minutes.

APPLICATION PROCESS

- Spread the adhesive uniformly on the surface with a notched trowel.
- Comb the surface with a notched trowel to required depth of 2-6 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.
- Try to apply the adhesive bed in one direction only.
- 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 recommended.
- The Surface should be hard and in sound condition for an application.
- Do not use in Damp conditions.

- The bond coat must be sufficiently cured prior to the installation of tiles.

Coverage:

- Marble 2 – 2.5 sq. mtr. For 20 kg bag at 6 mm thickness.
- Glass tile 5 – 5.5 sq. mtr. For 20 kg bag at 3 mm thickness.
- Glass mosaic 7 – 8 sq. mtr. For 20 kg bag at 2 mm thickness.

Packing:

K2 WHITE GTA is available in 20 kg bag Pack.

Shelf Life and Storage:

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

Health & safety:

K2 WHITE GTA 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 WHITE GTA is nonflammable.

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 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 applicators.

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