



KRETO STONE GOLD – GREY/WHITE

GREY /WHITE CEMENT BASED TILE/STONE ADHESIVE FOR INTERNAL & EXTERNAL CLADDING WITH DEFORMABILITY PROPERTIES

TECHNICAL DATA SHEET

ULTRAKRETE

ULTRAKRETE CONSTRUCTION CHEMICALS

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PRODUCT DESCRIPTION

KRETO STONE GOLD available in both **grey & white** colors is a cement - based high polymer fortified thin set adhesive, designed for installing ceramic, porcelain, mosaics, vitrified tiles & natural stones on floors & walls in interior as well as exterior situations. Owing to its excellent bond strength, slip and water resistance **KRETO STONE GOLD** is suitable for tile on tile, tile on stone, swimming pools and water body applications.

FEATURES & BENEFITS

- **High polymer fortified adhesive**
- **Easy to mix & easy to apply**
- **High bond strength & slip resistance**
- **Water resistant - can be used for swimming pools**
- **Needs no curing and soaking of tiles**
- **No need to remove existing tiles/stones**

SUBSTRATE REQUIREMENTS

Substrates should be structurally sound, stable, dry, clean and free of any substance or condition that may reduce or prevent, proper adhesion.

MIXING

Pour approximately 5-5.5 litres of clean portable water into a clean mixing container. Gradually add 20 kg of **KRETO STONE GOLD** while slowly mixing manually or preferably with a low speed drill mixer. Mix thoroughly until the mixture becomes a smooth, homogeneous, lump free paste. The mix is now ready for application.

APPLICATION

- Using a suitably notched trowel, spread enough mixed adhesive, preferably 1m² at a time
- Press the tiles onto this bed firmly with a slight twisting action
- Depending upon the porosity & atmospheric conditions, the tiles should be fixed within 15-20 minutes of adhesive being applied
- Periodically check that good contact is maintained with the back of each tile
- Unless the tiles are self spaced, leave adequate & uniform joints between individual tiles using **KRETO Spacers**
- Clean off the excess adhesive from the surface & joints using a damp sponge.
- Do not use in wet or damp conditions and temperatures below 5°C

GROUTING

Allow a minimum of 24 hours before grouting or longer if the background is of low absorption. Appropriate shades & material can be selected from our **KRETO** range of Cementitious & Epoxy grouting materials.

COVERAGE

Shall depend primarily on the nature & flatness of the surface to be tiled and the method of application. However on a level background approximately 3.5 kg/m² adhesive shall be required at 3 mm bed thickness using thin bed trowel.

PACK SIZE

20 kg and 50 kg.

SHELF LIFE

If stored properly, clear off the ground, in normal dry conditions the unopened pack shall have a shelf life of 12 months.

PRECAUTIONS

Wear suitable protective clothing, gloves and eye protections. In case of contact with eyes, rinse with clean water and seek medical advice immediately. Keep reach out of reach of children.

TECHNICAL SPECIFICATIONS

Bed Thickness	3-6 Mm
Color	Grey/White
Walls/Floors	Use thin/thick bed Trowel
Mixing Ratio (Parts By Wt.)	1:4 (Approx. 5.5 liters of water for 20 kg)
Pot Life 27°C ± 2°C	3 Hours
Open Time	15-20 Minutes
Setting Time	24 Hours
Adjustability	15-20 Minutes
Foot Traffic	After 24 Hours
Tensile Adhesion	14 Days – 1.5 kN (Grey) 2.0 kN (White)
Shear Adhesion	14 Days 12 kN (Grey) 14 kN (White)
Temp. Resistance	-30°C To 130°C
Transverse Deformability EN 12004:2017	Confirms EN 12004 –S1 Deformable 2.2 to 2.9 MM
Standards	Conforms IS 15477:2019 (Type 3) EN 12004 : C2 TE S1

NOTE: For free expert technical guidance for the use of this product or any other aspect of Tile fixing please contact:

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