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## KRETO BASIC

CERAMIC TILE ADHESIVE

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TECHNICAL DATA SHEET

ULTRAKRETE

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### ULTRAKRETE CONSTRUCTION CHEMICALS

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## PRODUCT DESCRIPTION

**KRETO BASIC** is a grey / white, cement-based polymer modified thick/thin set tile adhesive, designed for installing tiles on floor surfaces in interior situations. Excellent adhesion for fixing ceramic, porcelain tiles and vitrified tiles using thin or thick bed trowel on newly rendered cement floors.

## FEATURES & BENEFITS

- Polymer modified adhesive
- Easy to mix & easy to apply
- Needs no curing and soaking of tiles
- Increases productivity and saves time
- Good bond strength

## 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 liters of clean portable water into a clean mixing container. Gradually add 20 kg of **KRETO BASIC** 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 1m<sup>2</sup> 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/m<sup>2</sup> adhesive shall be required at 3 mm bed thickness using thin bed trowel.

## PACK SIZE

20 kg.

## SHELF LIFE

If stored properly, 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

TECHNICAL SPECIFICATIONS	
Bed Thickness	3-6 Mm
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	2-2.5 Hours
Open Time	15-20 Minutes
Setting Time	24 Hours
Adjustability	10-15 Minutes
Foot Traffic	After 24 Hours
Tensile Adhesion	14 Days – 0.8 kN (Grey) 14 Days- 1 kN ( white)
Conforms Standards	IS 15477:2019 (Type 1) EN 12004 :2017 C1 T
Grouting	After 24 hours of laying

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

Ultrakrete Technical Helpline: +91 73411 25141

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