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## **KRETO BLOCKFIX – GREY**

**GREY ADHESIVE FOR FIXING AAC BLOCKS & CONCRETE BLOCKS**

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### **TECHNICAL DATA SHEET**

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**KRETO CONSTRUCTION CHEMICALS.**

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## PRODUCT DESCRIPTION

**KRETO BLOCKFIX** is high quality dry mortar for fixing of concrete blocks, hollow blocks, clay bricks, fly ash bricks, soil cement blocks, earthen and terracotta blocks. It is a semi premix of graded sand and cement specially designed with polymers which combine to give high strength and stability. This can be used at 2-3mm thickness instead of conventional mortar which requires at 15-20mm thick. It requires to add only water to form a good consistency paste.

## FEATURES & BENEFITS

Economical & easy application | Crack resistant & non- shrink | Durable & Eco friendly | Self curing mortar | Less wastage | Consistent mix quality | High bond strength | Thin bed instead of conventional thick beds

## 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 7.8-8.2 litres of clean portable water into a clean mixing container. Gradually add 30 kg of KRETO BLOCKFIX 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

- Spread enough mixed adhesive using a suitable notched trowel to achieve bed thickness of 2-3 mm
- Press the blocks onto this bed firmly with a slight twisting action
- Depending upon the porosity & atmospheric conditions, the blocks should be fixed within 10-15 minutes of adhesive being applied
- Periodically check that good contact is maintained with the back of each block
- 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

30 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

Bed Thickness	2-3 MM
Color	Grey
Walls/Floors	Use thin bed Trowel
Mixing Ratio (Parts By Wt.)	1:4 (Approx. 7.8-8.2 liters of water for 30 kg)
Pot Life 27°C ± 2°C	90 Minutes
Open Time	10-15 Minutes
Setting Time	24 Hours
Adjustability	15-20 Minutes
Tensile Strength	28 Days – 11 MPa
Compressive Strength	28 Days – 0.5 MPa @4mm
Grouting	After 24 Hours

**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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