



022 - 021
Eco-Friendly Building Material
Minimum 20% Recycled Content

R-CRETE ECO TILEBOND PLUS

DESCRIPTION

R-CRETE ECO TILEBOND PLUS is specially formulated cement-based environmentally friendly tile adhesive, which consists of Ordinary Portland Cement, Ground Granulated Blast Furnace Slag (GGBFS), graded sand and additives. When mixed with water, it gives excellent workable consistency and when its cured, it displays excellent physical properties. R-CRETE ECO TILEBOND PLUS confirms to BS EN 1348 requirements.

USES

R-CRETE ECO TILEBOND PLUS is used for interior and exterior installations of ceramic, mosaics, marble, granite and homogeneous tiles.

ADVANTAGES

- Premixed to ensure high consistent quality.
- Mixing by just adding water.
- Excellent bond strength.
- Water resistance.
- High workability enabling easy laying of tiles.
- For internal and external use.
- High sulfate resistance due to a lower C_3A content in blended cement
- Low permeability with the formation of additional calcium silicate hydrate (CSH)
- Mitigate Alkali Silica reaction

METHOD OF USE

Surface Preparation

Ensure that dust, oil and foreign materials are removed. Site practices like washing of the substrate a day before plastering is highly encouraged. Dampen dry concrete surface before application.

Mixing

Add approximately 5 litres of potable water to 1 bag of R-CRETE ECO TILEBOND PLUS. Mix using an electrical paddle mixer for approximately 3 minutes until the homogeneous paste mortar is smooth and creamy.

Application

Spread only as much mortar on the substrate, then notched trowelled to the required thickness or it can be applied using "Buttering" method. After application, the tiles should be firmly pressed and knocked into position.

Choice of notch trowel should be governed by the depth of knobs, grooves or ridges on the back of the tiles and the evenness of the substrate. Spread the adhesive onto the substrate using a 6 mm x 6 mm notched trowel for walls, and a 10 mm x 10 mm – 12 mm x 12 mm notched trowel for floor tiles. A 6 mm x 6 mm notched trowel is recommended for mosaic tiles. Ensure that there are no voids under the tiles.

For tiling areas over movement joints, the joint should go right through the tile and adhesive bed.

HANDLING

R-CRETE ECO TILEBOND PLUS should be stored in a dry place. In case of eye contact, wash with plenty of water. If irritation persists, seek immediate medical attention.

CONSUMPTION

Approximately 2.3 kg to 4.6 kg per m².

PACKING

R-CRETE ECO TILEBOND PLUS comes in 25kg bag at 60 bags per pallet.

SHELF LIFE

If stored in a cool and dry place, the shelf life of R-CRETE ECO TILEBOND PLUS is approximately 12 months in unopened bags.

SPECIFICATIONS	
Appearance	Grey or White
Density	1600 kg/m ³
Binder	Portland Cement
Filler	Graded Silica Sand
Open Time	30 minutes
Water Powder Ratio	Approximately 0.20 or 5 Litres
Tensile Adhesion Strength	
7 Days	0.50 N/mm ² (BS EN 1348:1999)
28 Days	1.10 N/mm ² (BS EN 1348:1999)

Asia Mortar

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