



R-CRETE ECO RENDER PLUS

DESCRIPTION

R-CRETE ECO RENDER PLUS is a premixed cement based environmentally friendly plaster consists of Ordinary Portland Cement, Ground Granulated Blast Furnace Slag (GGBFS), graded sand and additives. When mixed with water, it gives an excellent workability that is easy to use.

R-CRETE ECO RENDER PLUS provides an excellent bond to concrete and brick substrates and it can be used for internal and external plastering. It will surpass the specifiers' stringent requirement for high quality finishes.

USES

R-CRETE ECO RENDER PLUS can be use for bedding brickwork and block work, and backing and bedding for tiles.

R-CRETE ECO RENDER PLUS is highly recommended for all types of concrete substrates; lightweight autoclaved aerated blocks, brick wall and block wall.

ADVANTAGE

- Premixed to ensure high consistent quality.
- Convenience in handling.
- Same amount of water is added to achieve consistency in workability.
- Easy mixing and application.
- Excellent bond strength.
- High durability and good weather resistance.
- No wastages on sand and opened unused bag cement.

- Cleaning limited to just disposing used paper bag. High sulfate resistance due to a lower C₃A 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 encourage. Dampen dry concrete surface before application. R-CRETE ECO RENDER PLUS does not require the substrate to be treated with splatterdesh or to be keyed before plastering.

Mixing

Add approximately 6.5 litres to 7.5 litres of water to every 40kg bag of R-CRETE ECO RENDER PLUS and mix for approximately 3 to 5 minutes.

R-CRETE ECO RENDER PLUS is ready for use after achieving a consistent homogeneous paste.

Application

R-CRETE ECO RENDER PLUS can be applied either by using a steel trowel or it can be sprayed.

R-CRETE ECO RENDER PLUS will remain workable up to 45 minutes from mixing. Any hydration through the addition of water will degrade the performance of the mortar mix.

HANDLING

R-CRETE ECO RENDER 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

A 40kg bag yields approximately 25 litres of R-CRETE ECO RENDER PLUS mix.

PACKING

R-CRETE ECO RENDER PLUS comes in 40kg bag at 50 bags per pallet.

SHELF LIFE

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

SPECIFICATIONS	
Water Powder Ratio	0.16 – 0.18 (or 6.5 – 7.5 litres of water per 40kg bag)
Appearance	Grey
Water Retentivity	90 % (BS 4551 : 1980)
Compressive Strength	12 -20 N/mm ² (BS EN 1015-11 : 1999)
Tensile Adhesion Strength	>0.60 N/mm ² (For individual under Lab Condition) >0.75 N/mm ² (For average under Lab Condition)
Consistency	Homogeneous mortar paste
Binder	Cement
Filler	Graded Sand
Additives	Polymer for workability, water retention and adhesion
Density	1850 kg/m ³
Consistence Retentivity	> 90 % (BS 4551 : 1980)

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