



## R-CRETE RENDER PLUS

### DESCRIPTION

R-CRETE RENDER PLUS is a premixed cement based plaster consists of cement, graded sand and additives. When mixed with water, it gives an excellent workability that is easy to use.

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

R-CRETE 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.

### 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 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 RENDER PLUS and mix for approximately 3 to 5 minutes.

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

#### Application

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

R-CRETE 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 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.

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 <sup>2</sup> (BS EN 1015-11 : 1999)
Tensile Adhesion Strength	>0.60 N/mm <sup>2</sup> (For individual under Lab Condition)  >0.75 N/mm <sup>2</sup> (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 <sup>3</sup>
Consistence Retentivity	> 90 % (BS 4551 : 1980)

## CONSUMPTION

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

## PACKING

R-CRETE 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 RENDER PLUS is approximately 12 months in unopened bags.

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