



R-CRETE RENDER WP

DESCRIPTION

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

R-CRETE RENDER WP provides an excellent bond and waterproof properties 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 WP can be use for bedding brickwork and block work, and backing and bedding for tiles.

R-CRETE RENDER WP 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 WP does not require the substrate to be treated with splatterdesh or to be keyed before plastering.

Mixing

Add approximately 5.5 litres to 6.5 litres of water to every 40kg bag of R-CRETE RENDER WP and mix for approximately 3 to 5 minutes.

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

Application

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

R-CRETE RENDER WP will remain workable up to 60 minutes from mixing. Any hydration through the addition of water will degrade the performance of the mortar mix.

HANDLING

R-CRETE RENDER WP 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	0.1375 – 0.1625 (or 5.5 – 6.5 litres of water per 40kg bag)
Appearance	Grey
Bond Strength	0.6 N/mm ² (DIN 18 555 Part 6)
Shear Strength	1.0 N/mm ² (DIN 18 555 Part 5)
Water Retentivity	95 % (DIN 18 555 Part 7)
Compressive Strength	20 N/mm ² (DIN 18 555 Part 3)
Water Penetration	< 2mm (DIN 048 Part 5)
Water Absorption	< 2% (ASTM C413:1994)
Consistency	Homogeneous mortar paste
Binder	Portland Cement
Filler	Graded Silica Sand
Additives	Polymer for waterproofing, workability, water retention and adhesion
Density	1600 kg/m ³

CONSUMPTION

A 40kg bag yields approximately 22.5 litres of R-CRETE RENDER WP mix.

PACKING

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

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