

**asiam**MORTAR  
Deliver Solutions



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

## R-CRETE ECO RENDER

### DESCRIPTION

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

R-CRETE ECO RENDER 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.
- Same amount of water is added to achieve consistency in workability.
- Easy mixing and application.
- Excellent bond strength.
- High durability and good weather resistance.

- 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. R-CRETE ECO RENDER 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 and mix for approximately 3 to 5 minutes.

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

#### Application

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

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

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 )
Consistence Retentivity	> 90% (BS 4551:1980)
Consistency	Homogeneous mortar paste
Binder	Blended Cement
Filler	Graded Sand
Additives	Polymer for workability, water retention and adhesion
Density	1850 kg/m <sup>3</sup>

## HANDLING

R-CRETE ECO RENDER 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 of approximately 25 litres of R-CRETE ECO RENDER mix.

## PACKING

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

### Asia Mortar

Singapore • Malaysia • Vietnam • China

Tel: +65 6269 5575 • +60 6 4416 818 • +84 8 3820 8686 Email: info@asiamortar.com Website: www.asiamortar.com