

**asiam**MORTAR  
Deliver Solutions



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

## R-CRETE ECO SKIM PLUS

### DESCRIPTION

R-CRETE ECO SKIM PLUS is an environmentally friendly, polymer modified cement based skim coat, consists of Ordinary Portland Cement, Ground Granulated Blast Furnace Slag (GGBFS), approved fillers and additives which is suitable for plastered surfaces, precast ceiling components and other concrete surfaces for internal and external applications. It comes in both grey and white colours.

R-CRETE ECO SKIM PLUS is designed to provide a smooth durable finish together with excellent adhesion strength. It meets the stringent architectural requirements for high quality and fine finishes.

### USES

R-CRETE ECO SKIM PLUS is highly recommended for all type of concrete substrates such as precast ceilings, lightweight panel, walls, columns and beams. It is also excellent for lightweight autoclaved aerated blocks, blockwalls and plastered surfaces.

### 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.
- Cleaning limited to just disposing used paper bag.

- 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 12.5 to 14.5 litres of water to 40kg of R-CRETE ECO SKIM PLUS. Mix thoroughly using an electrical paddle mixer for 3 minutes until a homogenous slurry paste is achieved. When it is free of lump, the skim coat is ready for use.

### APPLICATION

R-CRETE ECO SKIM PLUS is applied using a steel trowel or it can be machine sprayed. After mixing, it will remain workable for approximately 60 minutes. Do not add additional water to existing unused skim coat mix.

If R-CRETE ECO SKIM PLUS is to be applied onto a plastered surface, it can do so once the plastered surface has achieved initial set.

R-CRETE ECO SKIM PLUS allows for both trowelled and brush finish.

SPECIFICATIONS	
Water Powder Ratio	Approximately 0.32 (or 12.8 litres of water per 40kg bag)
Appearance	Grey or White
Tensile Adhesion Strength	>0.60 N/mm <sup>2</sup> (For individual under Lab Condition)  >0.80 N/mm <sup>2</sup> (For average under Lab Condition)
Water Retentivity	>95 % (BS 4551 : Part 1 : 1998)
Compressive Strength	7 - 12N/mm <sup>2</sup> (BS EN 1015-11 : 1999)
Consistency	Homogeneous mortar paste
Binder	Cement
Filler	Graded Calcium Carbonate
Additives	Polymer for workability, water retention and adhesion
Density	1200 kg/m <sup>3</sup>
Recommended Thickness	1mm to 3mm per layer of application. For layers exceeding 5mm of thickness, R-CRETE RENDER PLUS is recommended prior to finishing with R-CRETE ECO SKIM PLUS.

## HANDLING

R-CRETE ECO SKIM 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 23 litres of R-CRETE ECO SKIM PLUS mix.

## PACKING

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

## SHELF LIFE

If stored in cool and dry place, the shelf life of R-SKIM PLUS is approximately 6 months from date of manufacture in unopened bags.

## Asia Mortar

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