

R-CRETE 303

DESCRIPTION

R-CRETE 303 is a two part, pre-packed, polymer modified cementitious repair mortar. It is used for patching, repairing, filling and leveling of reinforced concrete or any cementitious surfaces. It is supplied in 2 components so as to eliminate errors in site mixing. PART A is mixed completely with PART B to form a high strength, cohesive, durable and non-shrink mortar.

USES

- As a patching mortar for spalling concrete, worn out surface of wall renderings or floor screeding.
- As a thin-set bedding material for bedding ceramic tiles and all natural or manmade stone.
- For repairing of honey combed concrete, after the removal of formwork.
- As a crack filler and also as a general mortar for thin-bed or thick-bed tile adhesive installation.

ADVANTAGES

- Economical and easy to use.
- Being polymer modified type material reduces curing time.
- Non-shrink.
- Water-resistant.
- Non-delamination.
- Able to achieve high compressive and flexural strength easily through proper mixing.

METHOD OF USE

Surface Preparation And Priming

Surface to be patched must be cleaned and free from dust, dirt, foreign impurities and grease. In order to achieve maximum results, priming with R-BOND 302 onto surface prior to patching is highly recommended.

Mixing

Mix Part B Powder to Part A liquid with a slow mechanical stirrer till homogenous consistency.

Application

Apply with a trowel to the prepared area. For soffit repairs, mortar must apply in layer of no more than 20mm each. Allow 4 hours before application of next successive layer. Each layer must be well keyed before next layer is trowelled on.

SPECIFICATIONS

Compressive Strength	43 N/mm ² (ASTM C109)
Bond Pull-off Strength	1.9 N/mm ² (BS ES 1015-12:2000)
Non Shrink Properties	< 0.08% (ASTM 531:2000)
Expansion	< 0.08% (ASTM 531:2000)
Setting Time	
Initial Set	> 40mins (BS 4551)
Final Set	< 6 hours (BS 4551)
Chloride and Alkali Resistance	Yes

CONSUMPTION

A set of Part A and Part B will yield 15 litre of R-Crete 303 mix.

PACKAGING

Part A : 5 Litres Liquid Component
Part B : 25 kg bag Powder Component

SHELF LIFE

If stored in a cool and dry place, the shelf life of R-CRETE 303 is approximately 6 months in unopened bags and containers.

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