

RonaBond Re-Profiling Mortar

Pre-packed polymer modified mortar for re-profiling vertical and overhead surfaces



FEATURES

- Excellent resistance to shrinkage
- Can be applied from 3mm
- Up to 30mm thick
- Excellent substrate adhesion
- Pre-packed for ease of use and consistent performance

Description

RonaBond Re-Profiling Mortar is a pre-packed mortar requiring only the addition of clean water. It is designed to produce a smooth, level finish for concrete and masonry surfaces. The finished product can be over-coated or can be left as the finished surface.

RonaBond Re-Profiling Mortar can be used as a levelling mortar for prepared vertical and overhead surfaces prior to the application of protective coatings or paints. RonaBond Re-Profiling Mortar can be applied to vertical surfaces from a thickness of 3mm to 30mm or to overhead surfaces from 3mm to 20mm.

Test Data

Min / max thickness vertical	3—30mm
Min / max thickness overhead	3—20mm
Compressive strength @ 28 days	25N/mm ²
Tensile strength @ 28 days	2.0N/mm ²
Flexural strength @ 28 days	5.0N/mm ²
Density	1,350kg/m ³
Min / max application temperature	+3 / +25°C
Packaging	18kg
Water addition per pack	2.8 - 3 litres
Yield per pack	15.5 litres
Coverage per pack	5.15m ² @ 3mm
	3.1m ² @ 5mm
	1.55m ² @ 10mm

Instructions for Use

Preparation

The substrate to which the RonaBond Re-Profiling Mortar is being applied must be structurally sound, stable and suitable to receive and support the mortar. Surfaces should be thoroughly cleaned to remove oil and other contamination.

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Instructions for Use (continued)

The substrate should be grit blasted, lightly scabbled or similar to expose fine aggregate, thus providing a mechanical key.

Dampening

The prepared surface must be thoroughly dampened with clean water. All surplus water must be removed before the primer is applied.

Priming

Mix Ronacrete Standard Primer with a slow speed drill and spiral paddle attachment and apply evenly to the damp surface immediately before applying the mixed RonaBond Re-Profiling Mortar. Only prime an area which can be covered by the mortar within the open time of the primer.

Note that the primer must not be allowed to dry. If it dries it must be thoroughly abraded and re-applied.

Mixing

RonaBond Re-Profiling Mortar must be mixed in a forced action mixer (eg. paddle or CreteAngle pan mixer), or mix single packs with a slow speed drill fitted with a suitable helical paddle.

Placing

As soon as the material is mixed it must be applied to the wet/tacky primer, ensuring total contact with the substrate and ensuring the mortar does not slump, peel or slide away from the surface.

If required, multiple coats can be applied. If applying two or more coats of RonaBond Re-Profiling Mortar, each intermediate layer must be combed to provide a key for the next layer. The following layer should be applied, having first applied Ronacrete Standard Primer, after the previous layer has firmed up sufficiently to support its weight without slumping or pulling away. Keying and priming between layers is essential to ensure monolithic bonding.

Curing

As soon as possible after finishing the surface cure the surface with Ronacrete Curing Membrane. Alternatively use tight fitting polythene to prevent rapid moisture loss and surface cracking and crazing.

Working Temperatures

RonaBond Re-Profiling Mortar may be used in a wide temperature range, typically from +3°C to 25°C and above. Note that at high ambient temperatures the working time of the mix will be reduced; it will be increased at lower temperatures. Ideally materials should be between 10°C and 20°C before use.

Appearance

Although it can be left as the surface finish, a uniform finish may not always be achievable. RonaBond Re-Profiling Mortar is designed to be over-coated with a protective coating or paint.

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Shelf Life and Storage

RonaBond Re-Profiling Mortar should be stored unopened between 5°C and 25°C in dry warehouse conditions and out of direct sunlight. In these conditions shelf life is approximately 6 months.

Health and Safety

Contains Portland cement. The use of protective clothing, goggles, face mask, overalls, barrier cream and gloves is recommended to prevent any effect from prolonged skin contact, inhalation or ingestion.

In the event of skin contact, wash with soap and water. Seek medical advice if irritation or pain occurs. In the event of eye contact, irrigate with plenty of clean water and seek immediate medical advice. In the event of ingestion, do not induce vomiting. Seek immediate medical advice.

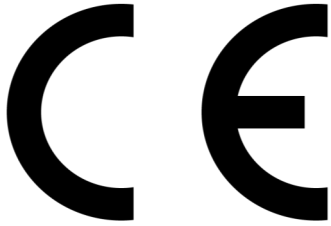
Site Attendance

When on site Ronacrete representatives are able, if asked, to give a general indication of the correct method of installing a Ronacrete product. It is important to bear in mind that Ronacrete Ltd is a manufacturer and not an application contractor and it is therefore the responsibility of the contractor and his employer to ensure he is aware of and implements the correct practices and procedures to ensure the correct installation of the product and that liability for its correct installation lies with the contractor and not with Ronacrete Ltd.



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Ronacrete Ltd, Flex Meadow, Harlow Essex, CM19 5TD, UK 13 0836-CPR-13/F046
BS EN 1504-3 Concrete Repair
Product: RonaBond Re-Profiling Mortar Compressive Strength: ≥ 25 MPa Chloride ion Content: $\leq 0.05\%$ Bond Strength Test: ≥ 0.8 MPa Rest. Shrinkage/Expansion: ≥ 0.8 MPa Reaction to Fire: A2-s1,d0 Dangerous Substances: Refer to Safety Data Sheet

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.