

PRODUCT DATA SHEET

Ronabond® Premixed Render

HAND OR SPRAY APPLIED POLYMER ENHANCED HIGH BUILD RENDER

DESCRIPTION

Ronabond® Premixed Render is a polymer enhanced mortar designed for internal and external render applications. Ronabond® Premixed Render is pre-bagged ensuring correct mixing proportions which avoids possible mixing errors on site. The performance of the product is certified under the Hong Kong Concrete Institutes (HKCI) Product Conformity Certification Scheme for Repair Mortars (PCCS-RM) Class S and is suitable for repairs to concrete with a characteristic strength (fcu) up to at least 15 MPa. Ronabond® Premixed Render is suitable for hand or spray application and can be applied to a variety of substrates.

USES

- Blockwork
- Brickwork
- Internal and external concrete substrates
- Drywall
- Fair faced concrete
- Internal & external application

CHARACTERISTICS / ADVANTAGES

- Premixed for quality control
- Sprayable
- Excellent bonding characteristics
- Improved workability
- High build properties
- Low VOC

PRODUCT INFORMATION

Packaging	25 kg bag
Appearance / Colour	Concrete grey
Shelf life	9 months from the date of production.
Storage conditions	Stored properly in undamaged and unopened original sealed packaging. Protect from direct sunlight and frost.

Product Declaration

Characteristics For Repair Mortar (from PCCS-RM Cl. 5.1 Table 1)

Test Method	Test Description	Age at Test	PCCS-RM Specification (Class S fcu 15)	Ronabond® Premixed Render Typical Performance
TM1	Compressive Strength	28 days	≥ 22	25 MPa

*All of the above data complies with Product Conformity Certification Scheme.

TECHNICAL INFORMATION

Tensile Strength 2.6 MPa @ 28 days

Shrinkage	Age at Test	Ronabond® Premixed Render Typical Performance	Test Method
	1 & 28 days	No crack between 1 & 28 days	Coutinho Ring (TM6)

Tensile Adhesion Strength 1.1 MPa @ 28 days

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate on which Ronabond® Premixed Render is being placed must be structurally sound and stable and suitable to receive and support a render. All grease, oil, dirt and deleterious material must be removed. Substrate should be pre-wetted to a damp condition before rendering. If the render is applied by hand, we recommend a brush coat of Ronafix® Bond Coat onto a damp substrate before applying the render.

MIXING

Mix using a forced action mixer or using a slow speed drill and paddle. Place the whole bag of powder into the mixing vessel and add approximately 4 litres of clean water. Mix for 3–5 minutes to achieve a homogeneous workable mortar.

APPLICATION

Ronabond® Premixed Render can be applied up to 50 mm thickness in a single application.

Pumping / Spraying:

To pump or spray Ronabond® Premixed Render, a continuous mixing and pumping machine should be utilized for both mixing and spraying. Ronabond® Premixed Render is continuously fed into the mixing machine hopper and mixed with clean water to provide a homogeneous workable mortar.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with clean water immediately after use.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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