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| Ref.  | Description                             |
|-------|---|
| R613L | ROCKWOOL WATER-REPELLENT GREY RENDER S. |

## DESCRIPTION

- Dry mortar for Masonry based on cement (according to RC-08), hydrated lime (CL 90-S UNE-EN 459), sand of great purity and selected grain size, and chemical additives, specific for rendering all kinds of wall.



- It has the compulsory **CE** marking, by virtue of that stated in Regulation (EU) 305/2011 on construction products and in accordance with standard EN 998-1:2010.

## FIELD OF APPLICATION

- Mortar specifically designed for rendering:
  - Anchoring Rockwool and other mineral wools in double sided brick or concrete block walls.
  - In manual applications or using a projection machine.
  - Water-repellent protection for the isolation system.
  - Rendering of isolation chambers.
  - Applications on ceramic brick, concrete block, smooth concrete (primer needed) and mortar in good conditions.

## PROPERTIES

- Excellent open time.
- Excellent adherence.
- Direct application to the support.
- No bits hanging.
- No fissures.
- Water repellency: reduced water absorption.
- Great plasticity.

## METHOD OF USE

### Support Preparation

- The support must be stable and resistant.
- Must be clean from dust, loose particles, plaster, paint remains, grease, etc.
- In the case of porous, very absorbent or dried up pieces or supports, these must be moistened previously, without soaking them, to enable the adherence and correct curing of the mortar.
- At junctions between different material and on meetings with pillars, floors, etc ..., you must place an alkali resistant glass fiber mesh overlapping joints a minimum of 20 cm.

### Product Kneading

- Knead with approximately 23% of water (5 ¾ litres of water per 25 kg sack).
- Knead with a mechanical mixer – recommended – (at low revs) or manually until achieving a homogeneous mass without lumps.

### Product Application

- The rendering of isolation chamber must be done on the inner side of the outer enclosure leaf.
- In manual application, spread the mortar with a trowel over the support.
- In machine application, project the render in such a way it spreads in a compact and uniform manner.
- The mixture could be used to repair small gaps.
- Application thicknesses recommended: 5 to 8 mm (10 mm allowed).
- Place the insulating mineral wool panels, applying some manual pressure on the support to ensure the anchor (not to exceed the maximum open time).

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## RECOMMENDATIONS AND PRECAUTIONS

- Pass a roller to ensure full adhesion across the panel surface.
- Place the insulating mineral wool panels from top to bottom. The cut panels will be the lower, and the work easier.
- Maximum application thicknesses: 10 mm.
- Do not apply on supports with surface water-repellents.
- Application temperature will be between 5 and 30°C.
- It is convenient to moisten the support at temperatures over 20°C.
- Avoid freezing, strong winds and exposing to intense sunlight application.
- Never apply on surfaces with extreme temperatures.
- Must be used mixed exclusively with water. Any other addition (aggregates, additives, etc.) may modify the behaviour and characteristics of the product.
- Follow the structural joints of the building.

## CONSUMPTION

- Consumption will range between 6 and 8 kg/m<sup>2</sup> according to the thickness of the layer applied.

## SAFETY AND HYGIENE

- This product contains cement. Cement is an irritant to the eyes, respiratory paths and mucous membranes.
- The paste gives a high pH when mixing the product with water. Therefore, it may irritate the skin in the case of prolonged contact, causing lesions to the eyes in the case of projections.
- Avoid contact with the skin and mucous membranes.
- No smoking, eating or drinking in the premises where the product is used.
- Avoid dust dispersion.
- The appropriate individual protection equipment for each case will be used.

- Persons with sensitive skin backgrounds should not handle this product.
- For more information check the file Product Safety Data File.

## TECHNICAL CUSTOMER SERVICE

- It is recommended the appropriate product is used for each application in accordance with the Technical File.
- Please check with our Technical Customer Service in the case of any doubt regarding the selection, handling or application of the different products.
- Our Technical Department will deal with and study each case if it were necessary to use a specific product, according to the use, colour, specifications, etc., or for placing special pieces or formats.

## SUPPLY

- 25 kg paper sack with plastic film.
- Special pneumatic transport silos, refillable on site by means of tanker trucks.
- Gravity silos with mixer attached at the base, refillable on site by means of tanker trucks.

## STORAGE AND CONSERVATION

- The product maintains its characteristics in a dry place protected from freezing, humidity, direct sunlight, etc.:
  - Sack: 12 months.
  - Silo: 3 months



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## TECHNICAL CHARACTERISTICS



### BASIC CHARACTERISTICS – CE MARKING EN 998-1

| Specification                                | Value   | Test Method        |
|--|---|--------------------|
| Reaction to fire                             | Clase A1  | Decisión 96/603/CE |
| Steam permeability                           | $\mu$ 5/20  | UNE-EN 1745        |
| Thermal conductivity ( $\lambda_{10, dry}$ ) | $\leq 0.67$ W/m·K   | UNE-EN 1745        |
| Adhesion strength                            | $\geq 0.3$ N/mm <sup>2</sup> – FP: B                        | UNE-EN 1015-12     |
| Water absorption                             | <b>W2</b> $\leq 0.20$ kg/m <sup>2</sup> ·min <sup>0.5</sup> | UNE-EN 1015-18     |

### OTHER TECHNICAL DATA

| Specification                  | Value      | Test Method    |
|--------------------------------|------------|----------------|
| Compression strength           | CS III     | UNE-EN 1015-11 |
| Open time                      | 30 min.    | -              |
| Approximate water for kneading | 23%        | -              |
| Application temperature        | 5°C – 30°C | -              |

#### NOTE:

*Dosage and application outside that described in this file will exclude our responsibility regarding the product and its application.*

*The results stated were obtained in tests performed under standard conditions and may vary in terms of on site installation conditions.*

*Please contact our Technical Department for more information.*

*All the product application indications are based on our current experience and knowledge, with the client being responsible for the final study for on site installation.*



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