

# REABILITA RJ 35

POINTING MORTAR FOR ACIENT MASONRY SUBSTRATES

TC.E.041.2 EN

## 1. DESCRIPTION

The **REABILITA RJ 35** is a pre-dosed dry mortar, formulated with Natural Hydraulic Lime, criteriously selected siliceous and lime aggregates and additions, for the re-pointing of joints in ancient masonry substrates.

It features special adhesion and durability properties, particularly adapted to the function it was designed for.

## 2. FIELD OF APPLICATION

The **REABILITA RJ 35** is used in renovation and rehabilitation works in ancient masonry substrates, when the purpose is to respect the original aspect of that constructive element, by re-pointing the joints between the elements.

The physical and chemical properties of the **REABILITA RJ 35** ensure a great adhesion to the different types of ancient substrates. The application of **REABILITA RJ 35** ensures it's direct exposure to rainwater, and it's application contemplates additions of specific agents for the improvement of its water repellent properties, ensuring the substrate's breathability.

## 3. PRODUCT CHARACTERISTICS

PRODUCT IN POWDER	VALUE	STANDARD
Granulometrics	< 200 µm	-

PRODUCT IN PASTE	VALUE	STANDARD
Mixing water	30,0 ± 0,5 %	EN 1015-2
Theoretical consumption	4,0 kg/lt	EN 1015-2
Spread	> 170 mm	-
Density	1900 ± 50 kg/m <sup>3</sup>	NP EN 445

HARDENED PRODUCT Após 28 Dias	VALUE	STANDARD
Compressive strength	> 16 N/mm <sup>2</sup>	EN 1015-11
Adhesion after ageing by climate/heat action	≥ 1,0 N/mm <sup>2</sup>	EN 1015-11
Density	1900 ± 50 kg/m <sup>3</sup>	EN 1015-10
Elasticity Module	15500 MPa	BS 18281-5

## 4. APPLICATION

### Preparing the substrates

Brush clean the elements in need of repair with a metal brush, in order to obtain a good adhesion surface, eliminating any disaggregated material that may harm the adhesion of the new mortar.

Wash with a water jet, of controlled pressure, aiming to minimize the action over the masonry joints, avoiding the removal of mortar from the joints.

### Preparing the mortar

**REABILITA RJ 35** should be mixed in adequate equipment for this procedure, with an automatic water dosing mechanism.

### Application

After mixing, the **REABILITA RJ 35** must be applied manually, with appropriate equipment, in order to correctly fill the voids in the joints between the different masonry elements.

If the situation justifies, the initial cavity filling in the masonry should be

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done with small pieces of brick involved in the mortar. In the case, the job must be executed in two phases, so that the first layer applied hardens and gains sufficient consistency.

For additional surface protection, we recommend the application of **SecilTEK AD 40**, after 28 days.

## Restrictions

**REABILITA RJ 35** must not be applied at ambient or substrate temperatures below 5° C and above 30° C. In dry weather or in places exposed to strong winds, wet the surfaces of the substrates on a daily basis, for a week, in order to keep the mortar moist.

## Additional Advice

- ▶ The mixing water must be free from impurities (clay, organic material) preferably tap water;
- ▶ No mortar should be applied after it has started to set. Do not add water to the mortar after it is already prepared;
- ▶ Do not add any other products to the mortar; the **Reabilita RJ 35**, must be applied just as it is presented in the original packaging.

## 5. PACKAGING AND VALIDITY

### Packaging

30 kg paper bags on plasticized pallets.

## Validity

12 Months as long as the packages are kept away from sunlight and excessive heat, in the original packaging

## 6. ASSOCIATED PRODUCTS

### ▶ REABILITA Range

(Rehabilitation and Renovation mortar range)

*Once the application conditions of our products are beyond our reach, we will not be held responsible for its incorrect usage. It is the client's duty to verify the suitability of the product for the predicted use. In any case, our responsibility is limited to the value of goods supplied. The information shown on this file may be changed without previous notice. In case of doubt, and if you should need any additional information, please contact our technical services.*

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## 7. HYGIENE AND SAFETY

(DOES NOT DISMISS CONSULTATION MATERIAL SAFETY DATA SHEET)

- ▶ Use protective garments and adequate gloves;
- ▶ Keep away from children
- ▶ Avoid contact with skin and eyes;
- ▶ Use only in well ventilated areas;
- ▶ Do not dispose residues in sewer;