

REABILITA RJ 35

MORTAR FOR REHABILITATION OF JOINTS OF OLD MASONRIES

T.C.E.041.3 EN

1. DESCRIPTION

REABILITA RJ 35 is a dry mortar, formulated from exclusive binders based on natural hydraulic lime, thoroughly selected siliceous and calcareous aggregates and additives, intended for bonding joints of old masonries.

It has particular adhesion and durability properties particularly adapted for the intended use.

2. FIELD OF USE

REABILITA RJ 35 is used in recovery and esthetic rehabilitation of old masonries when it is intended to respect the original look of that constructive element, through filling joints in between the elements. Its physical-chemical feature provides an excellent performance regarding adhesion on several types of petrous elements that constitute this kind of substrates.

The application of **REABILITA RJ 35** implies its direct exposure to rain. Therefore its composition includes additives of specific agents to improve its waterproofing feature, ensuring breathing of the wall.

3. PRODUCT CHARACTERISTICS

POWDERED PRODUCT	VALUE	STANDARD
Granulometry	< 2,0 mm	-

PASTE PRODUCT	VALUE	STANDARD
Mixing water	18,5 ± 0,5 %	-
Theoretical consumption	16,0 kg/m ² /cm	-

HARDENED PRODUCT	VALUE	STANDARD
Compressive strength	Class CS I	EN 1015-11
Adhesion to brick and block / Modulus of fracture	≥ 0,2 MPa / A and B	EN 1015-12
Modulus of elasticity	4000 N/mm ²	BS 1881-5
Density	1600 ± 50 kg/m ³	EN 1015-10
Capillarity	Class W2	EN 1015-18
Permeability to water vapor μ	< 15	EN 1015-19

4. APPLICATION

Preparation of substrates

Brush the petrous/ceramic elements with a wire brush, to get a good adhesion surface, eliminating the disaggregate materials or that may damage the adhesion of the new mortar.

Wash the elements with pressurized water jet, while trying to minimize the action on masonry joints, avoiding removing the mortar.

Preparation of mortar

REABILITA RJ 35 should be mixed using continuous mixing equipment.

In equipment without automatic water dosing, mix **REABILITA RJ 35** in the proportion of 5,5 to 6,0 liters of water for each bag of 30 kg.

In equipment with automatic water dosing, adjust to the minimum water flow to get a good workability.

Application

After mixing, **REABILITA RJ 35** should be applied manually, using appropriate equipment, to fill correctly the gaps in the joints between the masonry elements to treat. If necessary, make an initial filling of cavities in the masonry with small pieces of ceramic mixed with the mortar. In this case, the work should be done in two steps so that the first layer of the mortar applied hardens with enough consistency for the effect.

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Preparation of substrate



Manual application of mortar



Final look of the mortar

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

Because there are specific situations in each work of rehabilitation, we advise the consultation of our Technical Services prior to the selection of the products.

Restrictions

REABILITA RJ 35 should not be applied in room and substrate temperature below 5°C and above 30°C. It has a curing time of 28 days.

In hot and/or dry weather, or in case of substrates exposed to the direct action of solar rays, previously wet the substrate beginning the application when it looks dry.

In these conditions, proceed with daily watering of the executed surfaces, for one week, to keep the renders permanently moistened.

In the presence of strong wind, the application may cause cracking in the render. In this case, protect the walls to minimize the effects of the wind.

Further advice

- ▶ The mixing water should be free of any impurities (clay, organic matter), and preferably drinkable;

- ▶ Do not apply any mortar that has exceeded its open time. Do not weaken the mortars by adding water, after preparation;
- ▶ Do not add any other products to **REABILITA RJ 35**. It should be applied as it is presented in its original packaging.

5. PACKAGING AND VALIDITY

Packaging

Paper bags of 30 kg in plasticized pallets with 54 bags.



Validity

6 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

6. RELATED PRODUCTS

- ▶ **SecilTEK AD 40**
(Surface protector based on silane siloxane)

7. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- ▶ Irritating to eyes, respiratory system and skin;
- ▶ May cause sensitization by skin contact;
- ▶ Do not breathe dust;
- ▶ Avoid contact with skin and eyes;
- ▶ In case of contact with eyes, rinse immediately and abundantly with water and seek medical advice;
- ▶ Wear protective clothing and appropriate gloves;
- ▶ Keep out of children's reach.

Being in conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

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