

1. DESCRIPTION

REABILITA CAL AC FINO is a dry mortar, exclusively formulated from Natural Hydraulic Lime, intended for the execution of smooth finishes with an excellent permeability to vapour in renovation and rehabilitation solutions of old coatings. It incorporates fine siliceous and calcareous aggregates, carefully selected and additions, having particular properties of thixotropy, vapour permeability and durability particularly adapted to be used in coating rehabilitation systems.

2. FIELD OF USE

REABILITA CAL AC FINO is used as a finish in the maintenance and rehabilitation of buildings, namely when smooth finishes are wanted in the rehabilitation of old buildings' internal or external coatings that require high levels of water vapour permeability.

The use of the Natural Hydraulic Lime binder and its special composition results in an excellent physical-chemical behaviour and mechanical performance in connection with the diverse materials constituting this type of substrates.

REABILITA CAL AC FINO constitutes the smooth finish of the rehabilitation scheme of **REABILTA CAL** range, products that are exclusively formulated from Natural Hydraulic Lime.

Since there are specific situations in each rehabilitation work, our Technical Services should be consulted at the time of product selection.

3. PRODUCT CHARACTERISTICS

Powdered product	Value
Aspect	Beige powder
Granulometry	< 0,500 mm
Paste product	Value
Mixing water	50,0 ± 1,0 %
Theoretical consumption	0,75 kg/m ² /mm
Maximum thickness per layer	1 mm
Maximum thickness	2 mm
Waiting time between layers	Around 4 hours
Waiting time before painting	14 days

Recommended waiting times refer to the application of the product under standard temperature and humidity conditions.

4. APPLICATION

a) Substrate preparation

Substrates prepared with **REABILITA CAL AC** mortar, trowelled and hardened are ready to receive **REABILITA CAL AC FINO**. In case of direct application on another type of render, these should be regular, cohesive, clean and without any type of material that affects the normal adhesion conditions.

REABILITA CAL AC FINO should be applied on **REABILITA CAL AC** surfaces while still fresh, but sufficiently hardened to receive this kind of finish.

b) Mortar preparation

REABILITA CAL AC FINO should be mixed with the appropriate quantity of water (9,5 to 10,0 litres per 20 kg bag), in small quantities and using an electric mixer.

The mixture should be done gradually using an electric mixer, mixing in order to allow a careful distribution of the **REABILITA CAL AC FINO** for 2 minutes, then pausing for 3 minutes to stabilize the mixture. The kneading process should be finished with a new mixture for another 2 minutes, to obtain an uniform and lump-free paste.

c) Application

Apply **REABILITA CAL AC FINO** with a metal trowel to obtain a smooth and homogeneous film in order to fill all surface pores of the mortar already applied.

The second layer should be applied when the first one is hardened, followed by the number of coats needed to obtain a perfectly smooth texture, never exceeding a total thickness of 1-2 mm.

Prior to the paint application with a silicate-based paint, like **ISOVIT REV SP**, let **REABILITA CAL AC FINO** dry for at least 14 days. The painting scheme to be carried out should be of silicate base or aqueous base with good water vapour permeability.

d) Restrictions

REABILITA CAL AC FINO should not be applied at room and substrate temperatures below 5 °C and above 30 °C. It has a curing period of 28 days.

In hot and/or dry weather or when substrates are directly exposed to sunlight, the substrate should be previously wetted and application should only be started when it is dry.

Under these conditions daily watering of the surfaces should be carried out, for one week, so as to keep renders permanently moist.

Application in the presence of strong winds may cause render cracking. In such case, walls should be protected so as to minimize the effects of wind action.

e) Complementary Advices

The mixing water should be free of any impurities (clays, organic matter) and drinking water should be preferably used;

No mortar that has exceeded its open time should be applied. Do not soften mortars by adding water after preparation.

BREATHABLE SMOOTH FINISH EXCLUSIVELY FORMULATED FROM NATURAL HYDRAULIC LIME

Do not add any other products to the mortar. **REABILITA CAL AC FINO** should be applied as it is shown in its original packaging.

5. PACKAGING AND VALIDITY

Packaging

18 kg paper bags in plasticized pallets of 60 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. HEALTH AND SAFETY

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

- Irritating to eyes, respiratory system and skin;
- May cause sensitization in contact with skin;
- Do not breathe dust;
- Avoid contact with skin and eyes;
- If it comes in contact with eyes, rinse immediately and thoroughly with water and seek a specialist advice;
- Use protective clothing and appropriate gloves;
- Keep out of children's reach.

Being the 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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