

REABILITA CAL SCREED

NATURAL HYDRAULIC LIME BASED SCREED

1. DESCRIPTION

REABILITA CAL SCREED mortar is a levelling screed in which the binder is exclusively Natural Hydraulic Lime. It is formulated from Natural Hydraulic Lime, siliceous and calcareous aggregates and additions.

2. FIELD OF USE

REABILITA CAL SCREED is specially designed for the execution of filling and levelling layers of indoor floors, being a layer able to receive all kinds of current final coatings: wood floors, ceramics, ornamental stones, cork and vinyl, among others.

REABILITA CAL SCREED mortar is suitable for the execution of floor systems with high permeability in new works or in renovations.

REABILITA CAL SCREED also integrates a system of floors rehabilitation where it is intended to increase thermal and acoustic characteristics and prevent the rise of water by capillarity.

3. PRODUCT CHARACTERISTICS

Powdered product	Value	Standard
Colour	Beige	-
Granulometry	< 3,5 mm	-
Paste product	Value	Standard
Mixing water	13 %± 1,0 %	-
Density	2100 ± 50 kg/m ³	EN 1015-2
Theoretical consumption	18,0 kg/m ² /cm	-
Hardened Product	Value	Standard
Flexural strength (28 days)	> 0.8 N/mm ²	EN 1015-11
Compressive strength (28 days)	≥ 2 N/mm ²	EN 1015-11

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4. APPLICATION

a) Mixture preparation

REABILITA CAL SCREED should be mixed in an equipment specific for the application of screed or in concrete mixers, mixing about 3,0 to 3,5 litres of water per 25 kg bag.

It is essential to dose the mixing water accurately to ensure uniform consistency as well as workability optimized to the flow of the application procedures. Never add water after mixing, to soften the mixture.

b) Application

Application of *REABILITA CAL SCREED* is carried out according to good application practices of traditional screeds, not needing any additional procedure or care besides those required by good application practices.

The mortar should be spread forming a levelled layer, on a clean substrate, free of dust or any other product that may minimize the normal adhesion conditions over the substrates. Its final surface is then levelled to obtain a flat surface, prepared to receive the final coating.

REABILITA CAL SCREED may be applied in 4 to 8 cm thicknesses.

c) Restrictions

REABILITA CAL SCREED should not be applied at room and substrate temperatures below 5 °C and/or above 30 °C.

It has a curing period of 28 days.

a) 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;

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

5. PACKAGING AND VALIDITY

Packaging

25 kg paper bags in plasticized pallets of 60 bags.

Validity

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

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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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