

SMOOTHING SUBSTANCE

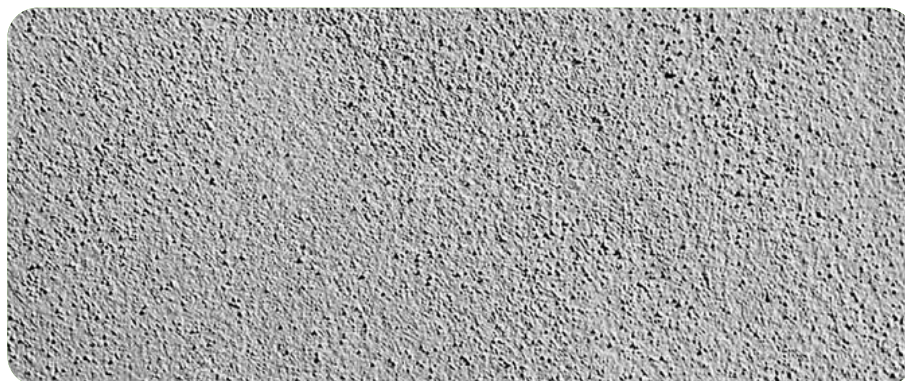
Smoothing Mortar

RAS.MAL

RAS.MAL.PLUS

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

LAB N° 1035L



Product Description

Natural Calk SMOOTHING MORTAR is a smoothing mortar to be applied on irregular and homogeneous surfaces, before finishes (plaster, marmorino/ tiles, etc.), for indoor or outdoor. Ideal for eliminating all flatness and unevenness defects in uneven walls, for filling and grouting. Produced with magnesian lime putty fired in wood according to UNI EN 459-1 and naturally seasoned for a long time in tanks, mixed with selected aggregates without cements and without chemical additives.

Resistant to alkaline aggression, to bacterial aggression from molds and mosses, it anchors perfectly and offers effective resistance to abrasion. It is ready to use; the application methods and drying times of Natural Calk SMOOTHING MORTAR may vary according to the type of processing / thickness required and the atmospheric conditions (ventilation, T°, exposure of the walls, ...).

It is recommended to protect the application from rain for about 48 hours. Due to its natural and ecological composition, in the total absence of chemical additives, it is particularly suitable for bio-architecture and restoration of artistic and historical heritage

PACKS 25 kg buckets

PACKING Europallet

The company takes on sole responsibility for the product up to the departure of the material from our deposit, while the application, use and processing are the exclusive responsibility of the customer or the applicator.

The company reserves to modify the composition keeping the characteristics naturally unchanged. We decline all responsibility for the incorrect use and application of materials other than

Arte e Mestieri

Via Missionari Casarsesi, 15 33072 Casarsa della Delizia (PN)
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How to use

Shake mechanically with a whisk at low speed, to make the mixture homogeneous

Apply in one or more coats as needed. Where necessary, drown the mesh for plasters / coats by a steel trowel finished with a sponge/steel trowel ... etc

Features

Average yield

It can vary depending on the absorption of the support, especially in 2 kg/sqm restorations per coat on civil plaster

1.2 kg/sqm per coat for smoothing coatings SPECIFIC WEIGHT 1.6 kg/l

FIRE REACTION CLASS

UNI EN 13501-1 A1 (FIREPROOF) It does not release toxic substances in contact with the flame

RESISTANCE TO VAPOUR DIFFUSION μ 6

WATER PERMEABILITY 0.3 MECHANICAL RESISTANCE 2.50 N/mm² after 30 days Ph 12

Duration and expiration

Unlimited, if stored correctly:

- in non-freezing rooms and not in direct contact with the sun
- taking care, once the package is opened, that the product is covered by an amount of water that prevents direct contact with the air
- tightly closing the lid of the bucket

Fields of use

Natural Calk SMOOTHING MORTAR is used in the TILLICA Paste System:

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as a possible preparation of the substrate, on old walls, before:

Antibacterial Fixative Substance + TILLICA Paste + Finishing

POSSIBLE support primer based on Natural Calk Smoothing Mortar, for the subsequent application of the TILLICA Pasta SYSTEM, to regularize, make homogeneous and uniform the surfaces of the existing walls, which are particularly uneven after the mechanical removal of the various finishing / painting layers compromised from humidity and mould. It should be remembered that this dismantling operation is necessary both to open the pores of the walls (especially where there are many layers of colours, often washable and not transpiring), and to eliminate all the moulds that remain encapsulated between the layers of old colours and non-transpiring finishing mortars.

If necessary, for particularly cracked walls for the preparation of the base for tiles / coats, drown the plaster mesh / coat in Natural Calk SMOOTHING MORTAR.

The thickness of SMOOTHING MORTAR to be applied depends on the depth of the lesions to be covered.

Natural Calk SMOOTHING MORTAR is also used:

- a. On the internal or external surface of NEW WALLS above the unfinished plaster, in cases where it is particularly uneven. The SMOOTHING MORTAR in fact allows a better adhesion of the subsequent processes (such as the Tillica Paste System) compared to surfaces treated with raw plaster and fine mortar. Lay a coat of Natural Calk SMOOTHING MORTAR with a steel trowel, finishing with a sponge trowel (for surfaces to be painted) or stainless steel, trowelling (for "civil" surfaces depending on the required processing, to perfectly create the surface
- b. On panelled coats
clean the substrate from dust and, if necessary, depending on the type of coat, apply the relevant adhesion base
apply a coat of Natural Calk SMOOTHING MORTAR over the coat mesh
wait 24 hours
apply the second coat of Natural Calk SMOOTHING MORTAR or

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more, to make the surface workmanlike

- c. On the internal or external surface of old walls (particularly suitable for the recovery of historic buildings and for bio-architecture), observing the following processing phases:
Prepare the substrate by removing the flaking parts of the plaster regularize the masonry to make the surface homogeneous (suitable for receiving the required plaster finishes according to needs), wetting the surface and treating it with one coat or more coats of NATURAL CALK SMOOTHING MORTAR as needed. If the wall is particularly cracked, also use a mesh for plasters to be drowned in NATURAL CALK SMOOTHING MORTAR). Let it dry for at least 24 hours and apply the finishes only on perfectly dry substrates

Rules of use and recommendations

Do not apply with temperatures of the atmosphere or of the substrate below + 5°C or above + 25°C, paying attention to use in excessively ventilated environments or at risk of rapid drying, as well as on masonry overheated by the sun, thus protecting the surface treated by severe thermal changes. During drying, protect from frost and rain. In hot and windy periods, it is necessary to moisten the walls before laying the product.

The company takes on only the responsibility of the product until delivery, while the application, use and processing are the sole responsibility of the customer or the applicator. The company reserves the right to change the composition while naturally keeping the characteristics unchanged.

SMOOTHING MORTAR PLUS (RAS.MAL.PLUS) is applied on iron surfaces, cement-based skim coats with chemical additives, and non-lime finishes.

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Specification item

Natural Calk SMOOTHING MORTAR is the smoothing layer to be applied on irregular and homogeneous surfaces, before finishes (plaster, marmorino/tiles, etc.), for indoor or outdoor. Ideal for eliminating all flatness and unevenness defects in uneven walls, for filling and grouting. Produced with magnesian lime putty fired in wood according to UNI EN 459-1 and naturally aged for a long time in tanks, mixed with selected aggregates without cements and without chemical additives. Resistant to alkaline aggression, to bacterial aggression from moulds and mosses, it adheres perfectly and offers effective resistance to abrasion. It is ready to use; the application methods and drying times of Natural Calk SMOOTHING MORTAR may vary according to the type of processing / thickness required and the atmospheric conditions (ventilation, T°, exposure of the walls, ...). It is recommended to protect the application from rain for about 48 hours. Due to its natural and ecological composition, in the total absence of chemical additives, it is particularly suitable for interventions of bio-architecture and restoration of artistic and historical heritage.

For the application methods, which differ according to the support, please refer to the careful reading of the product data sheet.

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