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|  Natural |  Antibacterial |  Reversible |
|  Ecological |  Disinfectant |  Easy to use |
|  Recyclable |  Anti-mould |  Adherent |
|  Eco-friendly |  Biocide |  Covering |
|  Resistant |  Healthy |  Compressive strength |
|  Breathable |  Restoration |  Elastic |
|  Non-toxic |  Versatile |  Reliable |



The recommendations and information provided in this data sheet are based on our experience and can under no circumstances engage our responsibility. Our technical service is at your disposal to provide any further information required.



FINELIME 0.0 is a pre-packaged biocompatible finish in powder form for indoor and outdoor use in compliance with Standard UNI EN 998-1:2010. FINELIME 0.0 NATURAL is totally free of cement and compounds belonging to the clinker group. It consists of a mixture of pure silicate calcareous steatite sands, screened with a continuous grain size range from impalpable to 0 mm. The only binder present is NHL 5 Natural Hydraulic Lime in compliance with Standard UNI EN 459-1. NHL 5 lime is white in colour.

FINELIME 0.0 is a pre-packaged biocompatible powder plaster-effect smoothing finish free of salts, chemicals and volatile organic compounds VOC. These characteristics, together with the total mineral nature of the components, guarantee product purity, non-toxicity and total recyclability in full respect of the environment. The use of FINELIME 0.0 makes the skim coatings ecological and reversible, giving a high level of breathability to the substrates on which it is applied and thus avoiding the formation of harmful condensation and the proliferation of mould, regulating the ambient moisture and carbon dioxide content of the environment.

CHARACTERISTICS

Product type	General purpose mortar (GP) UNI EN 998:1 2010 for indoor and outdoor use
Grain size curve	0 - 0 mm
Mixture pH	> 12.5
Bulk density in heap	1220 kg/m³ approx.
Bulk density of fresh mortar	1620 kg/m³ approx.
Bulk density of dried mortar	1400 kg/m³
Compressive strength (EN 1015-12)	approx. category
Adhesion (EN 1015-12)	CSI
Wat. vap. diff. resist. coeff. (EN 1015-19)	0.35 N/mm² FP-B $\mu < 10$
Thermal conductivity	0.30 W/mK (tabulated value)
Capillary water absorption	W0
Reaction to fire (EN13501-1)	Class A1
Mixing water	6-6.5 L per bag
Coverage	1.4 kg/m²/mm
Packaging	20 kg bags
Pallet	56 bags 1120 kg
Storage	18-24 months in its original packaging in a dry place
Application temperature	from +5°C to +32°C
REACH classification:	See SD

FIELDS OF APPLICATION

FINELIME is specifically designed for smooth skim coats in the field of new and old buildings, renovation of existing heritage and restoration. It can be applied to various types of vertical and horizontal indoor and outdoor substrates, both new and existing, such as: new and rustic plaster, plasterboard, etc.



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APPLICATION

The surfaces must be clean and free of any dusty parts and efflorescence. Any uneven or chalking surfaces must be consolidated with COLORFIXA. FINELIME 0.0 can be applied manually. It should only be mixed with water at a rate of approx. 6-6.5 L per bag depending on the desired consistency. Mixing can be done manually or mechanically. Let the mixture rest for 10 minutes for improved product spreadability. For best results, we recommend applying two coats of finish. The second skim coat must be applied after the first coat has dried. Once the second skim coat has dried, the surfaces can be smoothed to obtain a compact effect.

FINISHES

The use of SACE line finishes constitutes the natural completion of a compatible cycle, particularly with regard to the characteristics of breathability and permeability. The use of SACE line finishes, composed of Lime putty CL 90 or Potassium silicate and Siloxanes, is the obvious choice to optimise performance and aesthetic expectations when choosing SACE products.

WARNINGS

Product for professional use.

- Do not modify the product.
- Store the product in a dry place in its original sealed packaging.
- Consult the safety data sheet before using the product.
- The data given corresponds to the technical and application knowledge we have for an appropriate use of the product. It is therefore advisable to carry out a preliminary practical test to check the suitability of the product for its intended use and consumption.
- Protect surfaces from weathering, sun, wind, rain and frost.
- Since our company is not the executor of the works and cannot directly intervene on the construction site conditions or on work methods, the information provided is to be considered as indicative, general and therefore non-binding.
- Subtle shades of colour are typical due to its natural composition. With more vivid colours, any differences in shades are characteristic of the product, influenced in particular by the absorption of the substrates, the weather conditions and the application and curing temperatures. Product supplements of the same colour may show slight differences in shade due to the nature of the colour itself.
- The company reserves the right to make any changes it deems necessary at any time and without prior notice.
- Please consult our technical service for further information and practical product demonstrations.

SPECIFICATION

Implementation of a two-coat smooth plaster finish on plastered surfaces with FINELIME 0.0. FINELIME biocompatibile, pre-packaged in powder form for indoor and outdoor use in compliance with Standard UNI EN 998-1:2010. General purpose mortar (GP) with the following control parameters: mixture pH > 12.5, bulk density of dried mortar kg/m³ 1400, compressive strength (1015-11) CSI, water vapour diffusion coefficient (EN 1015-19) $\mu \leq 10$, adhesion (EN 1015-12) 0.35 N/mm² FP-B, capillary water absorption W0, thermal conductivity 0.30 W/mK Tabulated, reaction to fire (EN 13501-1): Class A1. FINELIME 0.0 NATURAL is totally free of cement and hydraulic compounds belonging to the clinker group and consists of a mixture of calcareous sands, screened with a continuous grain size range from 0 to 0.8 mm. The only binder present is NHL 5 Natural Hydraulic Lime in compliance with Standard UNI EN 459-1. NHL 5 lime is white in colour.



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