



INTOCALCE SANA RAS



BIO-FINISH BASED NATURAL HYDRAULIC LIME NHL 3,5 DEHUMIDIFYING FOR INTERIORS AND EXTERIORS
Compliant with UNI EN 998-1

DESCRIPTION

Bio-finish eco-friendly made of natural hydraulic lime NHL 3,5 compliant with EN 459-1 dehumidifying, with an high breathability, for the finish of dehumidifying plasters, on interiors and exteriors in old and new buildings with an high and constant quality level, produced with an automated system, to apply by hand. Don't form vapor barriers, promoting the dehumidification of the substrates and contains no solvents. Recyclable as inert at end of life.

Specific for conservative historical restorations, thanks to the natural origin of its components that respect the nature of the originating materials in the structures of historical interest.



COMPOSITION

Natural hydraulic lime NHL 3,5 compliant with EN 459-1 obtained by burning marly limestone at 950°C, selected calcareous and siliceous micronized, natural additives tested for the specific use which give to the product a very high adhesion and workability.



FEATURES

An accurate and selective choice of the main material made with a perfect grading curve, thanks to the use of our own crush system, produce just adding water a mortar very plastic and easily workable. Utilizzata come rasante si applica su qualsiasi intonaco deumidificante su superfici interne ed esterne da rifinire. Non fessura, non distacca è traspirante e resistente all'urto. Costituisce il fondo ideale per rivestimenti e idropitture traspiranti in modo da esaltare le caratteristiche di traspirabilità dell'INTOCALCE SANA RAS.

USE

INTOCALCE SANA RAS is a premixed transpiring skim coat plaster to apply on interiors and exteriors to obtain smooth mirror surfaces To apply directly on dehumidifying plasters made of hydraulic lime type INTOCALCE SANA and on every lime/cement plasters, traditional and premixed, old and new, on restoration plasters, historic conservative restoration.

APPLICAZIONE

- The surface must be free of dust and dirt. Any traces of oil, grease, wax etc. must be removed in advance.
- Need to wet, in advance particularly absorbent walls or dried or exposed to hot climates.
- To mix by hand or with a mixer at low rpm, until the mixture is homogeneous.
- To apply with the american big trowel performing two or more application in the same day by crossing the direction of application.
- It is recommended for only one application not to exceed a thickness of 2 mm. In case of more application let the product rest for one hour at least.
- The maximum thickness of the finished product don't have to be higher than 4 mm and never lower than mm1.
- With high temperatures, wind and low humidity, we advice you to protect from the quick drying moistening the substrates
- Don't apply on frozen substrates, with frost or possible frost in 24 hours.
- Don't apply on lime/gypsum substrates.
- Don't apply on not absorbent or painted substrates.
- Don't apply with strong wind or in very sunny days.
- Don't apply until when the substrate hasn't completely dried.
- Don't apply with driving rain.
- Don't apply on inconsistent and fragile substrates.
- Don't add any other material to the product.
- To apply on reinforced concrete substrates, foamed concrete blocks and old plasters previously treated with the bonding mortar "INTOAGGRAPPO".



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- To apply on very smooth reinforced concrete substrates previously treated with the adhesion promoter "ANCOMUR".
- To apply on dehumidifying plasters after the substrate has rested for 3/4 days at least.
- Let the product rest for 20/22 days at least before applying the decoration, 20/22 days at least.
- We suggest to apply INTOCALCE SANA RAS with a temperature between + 5 ° C and + 30 ° C.

PACKAGING

Multi-ply paper sacks with protection of kg 25 on wood pallets of 15,00 ql. (60 sacks).

YIELD

1 kg/mq for mm of thickness.

TECHNICAL SPECIFICATIONS COMPLIANT WITH UNI EN 998-1

Water content of the mix	~50-55%
Grading EN 1015-1	≤ 90 Micron
Specific Weight	700 kg/m ³ ± 5%
PH mixed	12
Plastic Shrinkage in cond. Termoigr. Standard	Absent
Pot Life	90 minutes ± 10 minutes
Compressive strength after 28 days EN 1015-11	Category CS I
Water vapor diffusion resistance factor EN 1745	$\mu \leq 8$
Water absorption coef. due to capillary action EN 1015-18	Class "W0"
Reaction to fire EN 13501-1	Class "A1"
Thermal conductivity Coefficient EN 1745	$\lambda = 0,23$ W/mK
Durability	NPD
Classification UNI EN 998-1	GP

SUMMARY

Interiors and exteriors dehumidifying plasters will be finished with bio-finish eco-friendly dehumidifying premixed made of natural hydraulic lime NHL 3,5 compliant with EN 459-1 type "INTOCALCE SANA RAS" by MALVIN S.r.l., to apply by hand or mechanically and to mix just adding water, with a consume of 1 kg/mq for mm of thickness, with a compressive strength after 28 days category CS I.

The performance characteristics refer to laboratory tests, values depend on the weather conditions and on the methods of implementations. The operator must verify the suitability of the product depending on the use planned.



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