



ISOLPOROX RINZAFFO ECOCALIX W POR23



ITEM SPECIFICATIONS

Breathable scratch-coat, based on pure natural hydraulic lime NHL 3.5, quality aggregates and special additives, to use as solid primer for thick plaster, silane-modified against salt effect, class GP CSI W1.

TECHNICAL CHARACTERISTICS

ISOLPOROX RINZAFFO ECOCALIX W is a product based on natural hydraulic lime NHL 3.5, highly hydrophobic, specific to realize restoring cycles, assuring an ideal bonding link with totally ecological stratigraphy.

THE PRODUCT



FOR OUTDOOR



PACKS
OF 33 KG



FOR INDOOR



PACKS
OF 25 KG



HYDRAULIC LIME
BASED



PACKS
OF 20 KG



TO BE APPLIED AT
TEMPERATURE
> 5°C



MECHANICAL
MIXING



TO BE APPLIED AT
TEMPERATURE
< 35°C



TO BE APPLIED
WITH PLASTER
SPRAYER



HYDROPHOBIC



TO BA APLLIED
WITH METALLIC
TROWEL



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request

ISOLPOROX RINZAFFO ECOCALIX W is a specific scratch-coat for restoring, silane-modified, that allows an excellent drying of damp walls and, in the same time, preventing water to get out the wall on a liquid form. Moreover, its open micro-structure with open capillaries and macropores make it extremely breathable, able to carry out steam and moisture, facilitating the drying of walls and the structure's breathability.

EXCELLENT ADHESION

The specific formula of ISOLPOROX RINZAFFO ECOCALIX W assures an excellent adhesion on standard substrates. Besides, its surface roughness and the perfect chemical compatibility facilitate the adhesion to any type of plaster based on natural hydraulic lime.

RESISTANCE

The use of mineral additives with super-pozzolanic action gives to ISOLPOROX RINZAFFO ECOCALIX W good mechanical performance in significantly shorter time span than the simple use of natural hydraulic lime NHL 3,5.

- hydrophobic
- highly breathable
- ecological product
- ideal for historical restoration
- specific for restoring
- can be used with plaster sprayer

AREAS OF APPLICATION

INTERVENTIONS

- Excellent as scratch-coat indoors, even good outdoors, for civil and commercial use.
- Excellent for remediation of damp walls, rising damp from the ground and thermal bridges.
- Ideal for historical restoration, resistant to thermal shocks and frost.

SUBSTRATES

- Solid and hollow bricks
- Natural stones
- Lime-based plasters
- Scratch-coat based on natural hydraulic lime
- Stone walls

DO NOT USE

- as waterproofing or on constructive systems
- on gypsum based plasters, on glazed, resin or cementitious tiles, cement-based waterproofing, flexible substrates, fiber cement, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes

LAYING

The substrate must be level, clean and sufficiently cured, free from oils, greases, paints and waxes. Remove the unsafe material. The surface must be dry.

Mix the content of bag in a concrete mixer with water to obtain a plastic and homogeneous paste.

Apply with trowel or with plaster sprayer in just one coat on a clean and well moistened substrate.



COMPLY WITH THE STANDARD

EN 998-1 GP CSI W1

INDICATIVE DATA OF THE PRODUCT

Color/consistency: beige/powder

Solid content %: 100

Bulk density kg/l: approx. 1,6

Hazard classification according to 1999/45/CE: irritant, important to carefully read the instructions contained in this form, on pack and on Safety Data Sheet

Storage: 12 months in dry and ventilated environment

Packaging: 25 kg

Custom code: 3824 50 90

VALUES OF THE FINAL PERFORMANCE

Compression strength after 28 days CSI (from 0,4 (EN 1015-11): to 2,5 N/mm²)

Initial adhesion after 28 days (EN 1015-12): ≥ 2 N/mm²

Water absorption coefficient due to capillary action W1 (EN 1015-18):

Permeability to water vapour (μ) (EN 1745): 15/35

Heat conductivity (λ_{10} , dry) (W/m²K) (EN 1745): 0,67

Reaction to fire: class A1

VALUES AND APPLICATIVE INFORMATION

[AT 23°C AND 50% R.H.]

Water used for mixing: add $\approx 20\%$ of water on a part of ISOLPOROX RINZAFFO ECOCALIX W

Pot life: 2 hours

Consumption: $\approx 1,3$ kg/m² per mm of thickness

Complementary products: ISOLMIX ECOCALIX - ISOLPOROX ECOCALIX

Application temperature: + 5°C /+ 35° C

Ideal temperature: + 20°C

Start setting time: ≈ 2 hours

End setting time: ≈ 12 hours

WARNING

The requirements and the guidelines herein are to be considered purely indicative and corresponding to our everyday best experience. We therefore recommend carrying out the tests in order to verify that the product corresponds to what is actually required and expected. We, as producers, do not assume any responsibility about how, when and where our products are applied except for the constant quality of the material.