



ISOLPOROX RINZAFFO ECOCALIX POR16



ITEM SPECIFICATIONS

Breathable scratch-coat, to use as solid primer for thick plasters, based on pure natural hydraulic lime NHL 3,5, quality aggregates and special additives, class GP CSI W0.

TECHNICAL CHARACTERISTICS

ISOLPOROX RINZAFFO ECOCALIX is a product based on natural hydraulic lime NHL 3.5 specific to realize a bonding bridge with ecological stratigraphy based on natural hydraulic lime.

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 SPRAYER
PLASTER



EXCELLENT PRICE/
PERFORMANCE
RATIO



TO BE APPLIED
WITH METALLIC
TROWEL



USE PERSONAL
PROTECTIVE
EQUIPMENT

EXCELLENT ADHESION

The specific formula of ISOLPOROX RINZAFFO ECOCALIX 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.

BREATHABILITY

ISOLPOROX RINZAFFO ECOCALIX presents an open microstructure with open capillaries and macropores that make it extremely breathable, able to carry out steam and moisture, facilitating the drying of walls and the structures breathability. This removes all risks of sick building's syndrome that is present in many modern structures.

RESISTANCE

The use of mineral additives with super-pozzolanic action gives to ISOLPOROX RINZAFFO ECOCALIX good mechanical performance in significantly shorter time span than the simple use of natural hydraulic lime NHL 3.5.

- ecological product
- excellent adhesion
- very high breathability
- specific for cycles based on natural hydraulic lime
- good mechanical resistance
- excellent price/performance ratio

* available on request

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

DO NOT USE

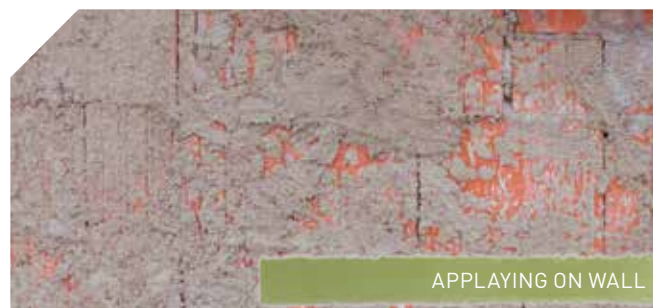
- as waterproofing or on exclusive NX systems
- on gypsum based plasters, on glazed, resin or cementitious tiles, cement-based waterproofing, flexible substrates, fiber cement, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes
- with natural stones subject to movements in the presence of dampness

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 W0

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 (EN 1015-11): CSI (from 0,4 to 2,5 N/mm²)

Initial adhesion after 28 days (EN 1015-12): > 0,2 N/mm²

Water absorption coefficient due to capillary action (EN 1015-18): W0

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

Heat conductivity (λ10, dry) (W/m*K) (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 ≈ 20% of water on a part of ISOLPOROX RINZAFFO ECOCALIX

Pot life: 2 hours

Consumption: ≈ 1,3 kg/m² per mm of thickness

Complementary products: ISOLMIX ECOCALIX - ISOLPOROX ECOCALIX

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

Ideal temperature: + 20°C

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.