



## ISOLMIX ECOCALIX COLOR ISO04

### ITEM SPECIFICATIONS

Ecological, low thick, breathable, colored mineral finishing, for indoor and outdoor application, based on pure natural hydraulic lime NHL 3.5, additives with with superpozzolanic effect, class CR CSII W1.

### THE PRODUCT



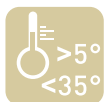
FOR INDOOR  
& OUTDOOR  
WALLS



NATURAL  
HYDRAULIC  
LIME-BASED



COLORFUL



TO BE APPLIED  
AT TEMPERATURE  
FROM 5°C TO 35°C



SLIGHTLY  
HYDROPHOBIC



ON NATURAL  
FIBER INSULATING  
PANELS



AVAILABLE  
IN VARIOUS  
GRAIN-SIZE



25  
kg  
PACKS OF  
25 KG



20  
kg  
PACKS OF  
20 KG



14  
kg  
PACKS OF  
14 KG



10  
kg  
PACKS OF  
10 KG



MECHANICAL  
MIXING



TO BE APPLIED  
WITH IRON TROWEL



TO BE FLOATED  
WITH SPONGE  
TROWEL



USE PERSONAL  
PROTECTIVE  
EQUIPMENT

\* available on request



### TECHNICAL CHARACTERISTICS

ISOLMIX ECOCALIX COLOR is a natural finishing plaster, colorful, hydrophobic and eco-friendly made from natural hydraulic lime NHL 3.5, natural additives and natural superpozzolanic minerals.

#### COLORFUL

ISOLMIX ECOCALIX COLOR presents natural additives for the control of the dispersion and wetting of the pigments such as to confer an excellent color uniformity and very low efflorescence. Combined with velvety tones typical of the Italian tradition, those features make it the ideal product for interior finishes in green building and historical restoration. The use of natural products (such as mineral oxides and natural lime) creates colors extremely durable and unalterable. At the same time, we have made ISOLMIX ECOCALIX COLOR sufficiently plastic and ductile and the process of hardening sufficiently slow to allow a pose extremely easy.

#### ADHESION AND MECHANICAL RESISTANCE

ISOLMIX ECOCALIX COLOR is a smooth coat that presents high mechanical and adhesion performance, such as to guarantee perfect continuity with the substrate as well as an excellent durability. The product is ideal in the restoration cycles of stone and masonry structures. Being perfectly natural and eco-friendly, ISOLMIX ECOCALIX COLOR is recommended for the historical restoration works where it supports the natural drying of damp walls and a durability typical of the natural hydraulic lime.

- ecological product
- colorful
- shrinkage-free
- antibacterial
- for indoor & outdoor rendering
- ideal for historical renewal
- good workability
- on standard substrate

## AREAS OF APPLICATION

### INTERVENTIONS

- excellent for rendering indoors and outdoors, for civil and commercial use
- ideal for historical renewal, street furniture, resistant to thermal changes. Frost-proof.

### SUBSTRATES

- cement-based and lime-based plasters, aerated concrete
- can be used on pre-cast concrete or cast in situ concrete

## DO NOT USE

- for industrial use, for swimming pools, for cold rooms and for overlaying
- as waterproofing and on exclusive NX systems
- on gypsum-based plasters
- on glazed tiles, resin or cementitious tiles, cementitious waterproofing, flexible substrates, fiber cement, metal surfaces
- on rubber, PVC, wood, linoleum, insulating film, not cementitious waterproofing membranes

## LAYING

### APPLICATION WITH IRON/SPONGE TROWEL

Spread a thin smooth coat with an iron trowel. When it is dried (the next day), apply a second thin coat. When it began to harden (ie., when it is no longer soft to the touch) begin to float with a sponge trowel, evenly wetting with clean water.

It is advisable to leave the material stand about 15 minutes before use, to float only when it starts to harden and to wet evenly for not leaving marks.

We recommend not to wash neither the finishing nor working tools during installation and to be in sufficient numbers to perform floating and smoothing at the same time not to leave joints.



RENEWAL OF A CLOISTER



RENEWAL OF A CHURCH

## COMPLY WITH THE STANDARD EN 998-1 CR CSII W1

### INDICATIVE DATA OF THE PRODUCT

Color/consistency: colorful/powder

Solid content %: 100

Bulk density kg/l: approx. 1,5

Hazard classification irritant  
according to 1999/45/EC: 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): > 3 N/mm<sup>2</sup>

• Initial adhesion after 28 days (EN 1015-12): > 0,2 N/mm<sup>2</sup>

Water absorption coefficient due to capillary action  
(EN 1015-18) Kg/m<sup>2</sup>.min<sup>0,5</sup>: W1

Heat conductivity (W/m\*K) (EN 1745): 0,76

Water vapour permeability (μ) (EN 1745): 15/35

Reaction to fire: class A1

## VALUES AND APPLICATIVE INFORMATION (AT 23°C AND 50% R.H.)

Water used for mixing: add ≈ 22% of water on a part of  
ISOLMIX ECOCALIX COLOR

Pot life: ≈ 2 hours

Consumption: ≈ 1,6 kg/m<sup>2</sup> per mm of thickness

Minimum thickness: 1 mm

Complementary products: EMULSIONMIX

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

Start setting time: ≈ 2 hours

End setting time: ≈ 4 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.