



## ISOLMIX BIOLIME COLOR ISO13

### ITEM SPECIFICATIONS

Biological, low thick, breathable, colored mineral coating, based on hydrated pure lime, quality aggregates and special natural additives, class CR CSII W1.

### THE PRODUCT



FOR OUTDOOR  
WALLS IN DRY  
CLIMATES



PACKS OF  
25 KG



FOR INDOOR



PACKS OF  
20 KG



HYDRATED  
LIME-BASED



PACKS OF  
14 KG



COLORFUL



PACKS OF  
10 KG



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



MECHANICAL  
MIXING



SLIGHTLY  
HYDROPHOBIC



TO BE APPLIED  
WITH IRON TROWEL



DISPONIBILE  
IN PIÙ  
GRANULOMETRIE



TO BE FLOATED  
WITH SPONGE  
TROWEL



USE PERSONAL  
PROTECTIVE  
EQUIPMENT

\* available on request



### TECHNICAL CHARACTERISTICS

ISOLMIX BIOLIME COLOR is a hydrophobic smooth coat based on natural flower lime and selected carbonate sands. Silane and mineral additives combined with high control of efflorescence make it the ideal product for the indoor finishing of green buildings with high living comfort.

#### COLORFUL

ISOLMIX BIOLIME COLOR presents natural additives for the control of the dispersion and wettability of 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.

#### ANTIBACTERIAL AND ANTIMOLD EFFECT

The very basic matrix given by the use of hydrated lime provides a natural and long-lasting anti-bacterial effect which, combined with the very high breathability, creates a natural fungistatic environment that discourages the onset of mold.

#### WATER-REPELLENCY AND BREATHABILITY

ISOLMIX BIOLIME COLOR is a smooth coat with very high breathability that completely avoids the formation of interstitial condensation, in addition to allowing a quick evacuation of air and excess moisture present in the air. Being perfectly eco-friendly, ISOLMIX BIOLIME COLOR is recommended for historical restoration because it supports the natural drying of rising damp on walls.

- biological colored product
- with natural additives
- hydrophobic
- for indoor rendering
- for outdoor in dry weather
- good workability
- breathability
- resistant to efflorescence
- on standard substrate

## AREAS OF APPLICATION

### INTERVENTIONS

- excellent for rendering indoors, even good outdoors in dry weather, for civil and commercial use
  - ideal for historical renewal
- good aesthetic quality and chromatic yield

### 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
- with natural stones subject to movements in the presence of dampness, substrates subject to continuous rising damp

## LAYING

### APPLICATION WITH IRON/SPONGE TROWEL

Spread a thin 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. Or if the treatment requires it, wet it with a light spray of water using a brush.

Never immerse the trowel into the bucket. 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. In case you want to float the material while it is still soft, wipe lightly with the trowel after the material begins to dry.



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

### INDICATIVE DATA OF THE PRODUCT

Color/consistency: white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,2

Hazard classification according to 1999/45/EC: 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): > 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): 0,54

Water vapour permeability (μ) (EN 1745): 5/20

Reaction to fire: class A1

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

Water used for mixing: add ≈ 34% of water on a part of  
ISOLMIX BIOLIME COLOR

Pot life: > 3 hours

Consumption: ≈ 1,4 kg/m<sup>2</sup> per mm of thickness

Thickness: from 1 to 3 mm

Complementary products: EMULSIONMIX

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