



# ISOLMIX RASANTE 100 ISO24



## ITEM SPECIFICATIONS

Fine-grained, low thick coating, suitable for use as a substrate of paints, varnishes and stuccoes, based on cement, high quality natural aggregates, additives and resins, class GP CSIV W0.

## TECHNICAL CHARACTERISTICS

ISOLMIX RASANTE 100 is a skim coat, with white or gray cement, mineral binders, resins and additives for standard finishing of plastered walls for domestic use with a very good price/performance ratio.

### EASY TO LAY

Its composition is designed to facilitate the work of the installer. During the plastic phase, the product has a creamy consistency, with low viscosity, easy to lay, with a long lasting mixture even in case of dry weather. ISOLMIX RASANTE 100 has a high capacity of water retention which facilitates the installation, even on highly absorbent substrates. Even in these conditions, the product maintains a good workability and doesn't let water to leave the mixture without completing all processes of hydration necessary for a successful outcome of the finish. At the same time it presents curing times fast enough to guarantee fast painting where required.

### GOOD DURABILITY AND ADHESION

The content of polymers guarantees to ISOLMIX RASANTE 100 a very good adhesion and at the same time, it makes the product really bonded and long-lasting, with good mechanical resistance and ability to bear thermal cycles, washout and impact. Available also in white version, it increases the hiding power of the paints.

## THE PRODUCT



FOR OUTDOOR WALLS IN DRY CLIMATES



PACKS OF 25 KG



FOR INDOOR WALLS



PACKS OF 20 KG



CEMENT BASED



PACKS OF 14 KG



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



PACKS OF 10 KG



FIBER-REINFORCED VERSION AVAILABLE



MECHANICAL MIXING



EXCELLENT PRICE/PERFORMANCE RATIO



TO BE APPLIED WITH IRON TROWEL



AVAILABLE IN VARIOUS GRAIN-SIZE



TO BE FLOATED WITH SPONGE TROWEL



USE PERSONAL PROTECTIVE EQUIPMENT

\* available on request

- fine-grained
- low thick
- excellent price/performance ratio
- good workability
- even on absorbent substrate
- for indoor
- for outdoor in dry weather
- for smoothing before application of paints, varnishes and stuccoes

## AREAS OF APPLICATION

### INTERVENTIONS

It allows to consolidate the base coat to extend the life of the finish.

Great for rendering indoors, good even outdoors, for civil and commercial use. Ideal for street furniture and heavy traffic areas.

### SUBSTRATES

- Cement-based and lime-based plasters, aerated concrete, fiber cement.
- Can be used on precast or cast in situ concrete.

## DO NOT USE

- on gypsum-based plaster if non treated before with EMULSIONMIX
- on glazed tiles, resin or cement-based 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
- for swimming pools, cold rooms and for overlaying
- as waterproofing or on exclusive NX systems
- in case of strong wind or rain at the moment of application

## LAYING

### SUBSTRATE SMOOTHING: 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, preferably without wetting. 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.



SMOOTHING



SMOOTHENED WALL

## COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W0

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: white-grey/powder

Solid content %: 100

Bulk density kg/l: approx. 1,8

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): > 20 N/mm<sup>2</sup>

Flexural strength after 28 days (EN 1015-11): > 6 N/mm<sup>2</sup>

Initial adhesion after 28 days (EN 1015-12): > 0,4 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>: W0

Heat conductivity (W/m\*K) (EN 1745): 0,84

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

Reaction to fire: A1

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

Water used for mixing: add ≈ 23% of water on a part of ISOLMIX RASANTE 100

Pot life: ≈ 90 minutes

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

Thickness: from 1 to 2 mm

Complementary products: EMULSIONMIX

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

Grain-size: < 700 μm

Start setting time: ≈ 3 hours

End setting time: ≈ 9 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.