



## ISOLMIX RASANTE 410 ISO44



### ITEM SPECIFICATIONS

Very fine-grained, powder skim coat for very low thick smoothing and finishing, ideal for use as a substrate of paints and varnishes, based on cement, mineral filler, resins and additives, class GP CSIV W1.

### TECHNICAL CHARACTERISTICS

ISOLMIX RASANTE 410 is a very fine-grained skim coat, to be applied with the spatula. It can be used as a substrate or as a finish for indoor with good protecting and leveling features of structures; ideal for internal use on walls rendered with cementitious plaster. ISOLMIX RASANTE 410 is an excellent substrate for paints.

### THE PRODUCT



FOR INDOOR  
& OUTDOOR  
WALLS



PACKS OF  
25 KG



CEMENT  
BASED



PACKS OF  
20 KG



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



PACKS OF  
14 KG



WHITE  
AVAILABLE



PACKS OF  
10 KG



IMPALPABLE  
GRAIN SIZE



MECHANICAL  
MIXING



EXCELLENT PRICE/  
PERFORMANCE  
RATIO



TO BE APPLIED  
WITH IRON TROWEL



USE PERSONAL  
PROTECTIVE  
EQUIPMENT

\* available on request

### WORKABILITY

Its creamy and light consistency lasts long enough to allow the joints to be easily floated, as well as allowing to use calmly all the material mixed.

Its low viscosity doesn't tire the operator even during long work sessions. Besides, the product can be floated for a long time until you get a perfectly smooth surface.

### DURABILITY AND GOOD ADHESION

ISOLMIX RASANTE 410 has a high content of binders and polymers. This gives it an excellent resistance to atmospheric agents and, therefore, a high continuity with the substrate and an excellent durability.

### MECHANICAL RESISTANCE

ISOLMIX RASANTE 410 is a fine-grained skim coat for universal uses with good mechanical resistance to abrasion, wash-out and impact. Those features allow to use it both as a substrate and as uncolored finish.

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

## AREAS OF APPLICATION

### INTERVENTIONS

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

Great for rendering indoors and outdoors, for civil and commercial use. Ideal for street furniture and heavy traffic areas. Resistant to thermal shocks. Frost-proof.

### SUBSTRATES

- cement-based renders & plasters
- lime-based renders & plasters
- on aerated concrete and cementitious blocks
- hybrid mortar
- fiber-cement panels

## 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, 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 overlying
- 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.



## COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W1

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey or white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,1

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):  $\geq 15$  N/mm<sup>2</sup>

Flexural strength after 28 days (EN 1015-11):  $> 5$  N/mm<sup>2</sup>

Initial adhesion after 28 days (EN 1015-12):  $> 0,5$  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<sup>2</sup>K) (EN 1745): 0,845

Water vapour permeability ( $\mu$ ) (EN 1745): 15/35

Reaction to fire: A1

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

Water used for mixing: add  $\approx 40\%$  of water on a part of ISOLMIX RASANTE 410

Pot life:  $\approx 1$  hour

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

Thickness: from 1 to 2 mm

Complementary products: EMULSIONMIX

Application temperature:  $+5^{\circ}\text{C} / +35^{\circ}\text{C}$

Grain-size: impalpable

Hardened mortar density: 1,65 kg/l

Start setting time:  $\approx 3$  hours

End setting time:  $\approx 6$  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.