



## ISOLMIX RASANTE 500 W CCM ISO25



### ITEM SPECIFICATIONS

Very fine-grained, low thick coating, suitable for use as a substrates of paints, varnishes and stuccoes, based on cement, hydraulic binders, high quality natural aggregates, additives and resins, for internal and external application, class GP CSIV W1.

### TECHNICAL CHARACTERISTICS

ISOLMIX RASANTE 500 W CCM is a fine render coat, for low thick smoothing of walls. It is a product based on cement, resins and special polymers. Great as a high quality substrate for the application of paints, varnishes and stuccoes. For indoors, this render coat can be left exposed having a coloring perfectly homogeneous and uniform, white or gray.

### THE PRODUCT



FOR INDOOR  
WALLS



PACKS OF  
25 KG



FOR OUTDOOR  
WALLS



PACKS OF  
20 KG



CEMENT BASED



PACKS OF  
14 KG



HYDRATED  
LIME BASED



PACKS OF  
10 KG



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



MECHANICAL  
MIXING



WHITE  
AVAILABLE



TO BE APPLIED  
WITH IRON TROWEL



IMPALPABLE  
GRAIN SIZE



USE PERSONAL  
PROTECTIVE  
EQUIPMENT



HYDROPHOBIC

\* available on request

### HIGH ADHESION AND MECHANICAL PERFORMANCE

ISOLMIX RASANTE 500 W CCM has a high capacity of adhesion on a high number of different substrates, and is able to refine mineral surfaces, even difficult ones. ISOLMIX RASANTE 500 W CCM is also the ideal product to smooth and refine mineral panels without having problem because of any surface treatments such as hydrophobic or disarming. Besides the product requires neither primer nor bonding links. Its high dosage of polymer combined with its high retention ensures the success of the work also in presence of strong absorptions or unfavorable climatic conditions. The high content of mineral and polymeric binder ensures the material to have a good surface hardness and a strong internal cohesion such as to ensure an excellent durability in all conditions.

### EXCELLENT WORKABILITY

ISOLMIX RASANTE 500 W CCM has been designed to get perfectly smooth surfaces. Its viscosity has been calibrated so that the installer should always apply the right thickness. And the natural tendency of the material to compact is such as it allows floating both in dry conditions or by wetting the surface.

- high performance product
- ideal for indoor
- can be safely applied on various substrates
- can be left uncovered
- universal, very fine grain product
- very high adhesion

## 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. Good for smoothing basecoat and preparing it before laying of wallpaper. Resistant to thermal shock.

### SUBSTRATES

- Cement-based and lime-based plasters, aerated concrete.
- 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

## LAYING

Spread ISOLMIX RASANTE 500 W CCM on the substrate with an iron trowel. For a thickness from 0 to 2 mm, smooth the product to get a uniform covering. After a few minutes, you can float with the trowel. In case of high temperatures, strong wind or direct sunlight, it is advisable to moisten the laid surface when the material has already begun to harden until a few days later, to prevent drying too quickly and causing cracks due to drying shrinkage.

The product can be sanded once completed the hardening phase in order to obtain the smooth surface.



SMOOTHING



SMOOTHING

## COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W1

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: white-grey/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): > 8 N/mm<sup>2</sup>

Flexural strength after 28 days (EN 1015-11): > 2,5 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>: 0,85

Heat conductivity (W/m\*K) (EN 1745): 0,54

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

Reaction to fire: A1

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

Water used for mixing: add ≈ 36% of water on a part of ISOLMIX RASANTE 500 W CCM

Pot life: ≈ 90 minutes

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

Thickness: from 0 to 2 mm

Complementary products: EMULSIONMIX

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

Grain-size: impalpable

Start setting time: ≈ 2 hours

End setting time: ≈ 5 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.