



ISOLMIX RASANTE 100 W ISO39



ITEM SPECIFICATIONS

Fine-grained, low thick, hydrophobic 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 W2.

TECHNICAL CHARACTERISTICS

HIGHLY HYDROPHOBIC

ISOLMIX RASANTE 100 W presents exceptional protecting features of the structures, especially of walls subject to flying water and adverse exposure. Its high level of hydrophobicity makes ISOLMIX RASANTE 100 W an ideal undercoat for those materials that require low absorption of the substrate.

WORKABILITY

Once it is mixed with water, ISOLMIX RASANTE 100 W presents a very high spreadability which greatly reduces operator's fatigue. Its creamy and light consistency lasts long enough to allow to be easily floated the joints, as well as allowing to use calmly all the material mixed.

MECHANICAL RESISTANCE

ISOLMIX RASANTE 100 W is a skim coat for universal uses with good mechanical resistance to abrasion, washout and impact. Those features allow to use it both as a substrate and as uncolored finish.

DURABILITY AND GOOD ADHESION

The high content of binders and polymers guarantees to ISOLMIX RASANTE 100 W a very good resistance to atmospheric agents and a high continuity with the substrate.

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



FIBER REINFORCED
VERSION AVAILABLE



PACKS OF
10 KG



EXCELLENT PRICE/
PERFORMANCE
RATIO



MECHANICAL
MIXING



HYDROPHOBIC



TO BE APPLIED
WITH IRON TROWEL



WHITE
AVAILABLE



TO BE FLOATED
WITH SPONGE
TROWEL



AVAILABLE
IN VARIOUS
GRAIN-SIZE



USE PERSONAL
PROTECTIVE
EQUIPMENT

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

* available on request

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 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, 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



SMOOTHING

COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W2

INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey or white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,7

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/mm²

Flexural strength after 28 days (EN 1015-11): > 7 N/mm²

Initial adhesion after 28 days (EN 1015-12): > 0,5 N/mm²

Water absorption coefficient due to capillary action
(EN 1015-18) Kg/m².min^{0,5}: ≤ 0,2

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 ≈ 24% of water on a part of ISOLMIX RASANTE 100 W

Pot life: ≈ 90 minutes

Consumption: 1,6 kg/m² 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.