



ISOLMIX RASANTE CCM ISO22



ITEM SPECIFICATIONS

Low thick skim coat with high breathability, excellent workability and adhesion, for indoor application, based on cement, hydrated lime, selected sands and special additives, class GP CSIV W0.

THE PRODUCT



FOR INDOOR WALLS



PACKS OF 25 KG



HYDRATED LIME BASED



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



WHITE AVAILABLE



MECHANICAL MIXING



FIBER-REINFORCED VERSION AVAILABLE



TO BE APPLIED WITH TROWEL



EXCELLENT PRICE/PERFORMANCE RATIO



USE PERSONAL PROTECTIVE EQUIPMENT



AVAILABLE IN VARIOUS GRAIN-SIZE

* available on request

TECHNICAL CHARACTERISTICS

HIGH BREATHABILITY

ISOLMIX RASANTE CCM presents an excellent breathability as it is largely composed of hydrated lime. Therefore it is ideal as skim coat in environments that require water vapor to escape. ISOLMIX RASANTE CCM is an ideal substrate for lime-based paints as it does not jeopardize lime's features.

NATURAL ANTIBACTERIAL

ISOLMIX RASANTE CCM, with its high pH in large part due to the lime, has light antibacterial and cleansing qualities. It can counter the onset of mold and of sick building's syndrome. This is because the rooms coated with lime-based finishes have a high renewal of humidity.

WORKABILITY

Once mixed with water, ISOLMIX RASANTE CCM presents a very high smoothness, and an oily consistency which both greatly reduce operator's fatigue. The long pot life makes ISOLMIX RASANTE CCM a product easy to handle on site.

DURABILITY

ISOLMIX RASANTE CCM, due to its purely mineral composition and to its slightly pozzolanic reactivity, has high durability.

- excellent price/performance ratio
- excellent workability
- on standard substrate
- for indoor
- for rendering before application of paints, varnishes and stuccoes
- no dust
- medium drying

AREAS OF APPLICATION

INTERVENTIONS

Great to even out the walls, for smoothing indoors, for civil and commercial use. It should be used for leveling uneven surfaces. Particularly suitable for indoor environments at risk of condensation, humidity and low air flow.

SUBSTRATES

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

DO NOT USE

- on gypsum-based plaster if non treated before with EMULSIONMIX
- on glazed tiles, resin or cement-based tiles, elastic waterproofing, 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 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 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



FLOATING

COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W0

INDICATIVE DATA OF THE PRODUCT

Color/consistency: white/powder

Solid content %: 100

Bulk density kg/l: approx. 1,6

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): ≥ 7 N/mm²

Flexural strength after 28 days (EN 1015-11): > 3 N/mm²

Initial adhesion after 28 days (EN 1015-12): $> 0,25$ N/mm²

Water absorption coefficient due to capillary action (EN 1015-18) Kg/m².min^{0,5}: 1,1

Heat conductivity (W/m²*K) (EN 1745): 0,845

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 32% of water on a part of ISOLMIX RASANTE CCM

Pot life: ≈ 2 hours

Consumption: 1,6 kg/m² per mm of thickness

Complementary products: ISOLMIX

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

Grain-size: < 700 μ m

Start setting time: ≈ 3 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.