



ISOLMIX RASOCOL ISO21

GP
CSIV
W2

CE
EN 998-1

ITEM SPECIFICATIONS

Adhesive coating for indoor and outdoor rendering, with high performance, low thick, strong adhesion, based on cement and special additives, class GP CSIV W2.

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



WHITE
AVAILABLE



MECHANICAL
MIXING



SUITABLE
FOR RENDERING OF
INSULATING PANELS



TO BE APPLIED
WITH IRON TROWEL



USE PERSONAL
PROTECTIVE
EQUIPMENT



TO BE FLOATED
WITH SPONGE
TROWEL

* available on request

TECHNICAL CHARACTERISTICS

ISOLMIX RASOCOL is a universal adhesive skim coat, based on cement, with a high content of polymers with high performance, to even out walls, to be apply directly also on exposed or speculate concrete and on substrates with harsh adhesion.

EXCELLENT MECHANICAL RESISTANCE

ISOLMIX RASOCOL is an adhesive skim coat with excellent mechanical resistance in all conditions. Applied with a glass-fiber mesh, it can be used to restore and even out the walls deteriorated or subject to shrinkage microcracks. Its high mechanical performance make it resistant even in harsh environments such as walls exposed to cycles of freezing and thawing, exposure to high temperatures, etc. Added to this, its remarkable surface hardness makes the product resistant to impact and abrasion, which is especially required when you coat light-weight panels.

HIGH ADHESION AND RETENTION ABILITY

ISOLMIX RASOCOL in an adhesive skim coat, specific for application on harsh substrates. Its formula, modified with polymers, allows the application also on concrete with traces of releasing agents or colorful "plastic" or "quartz" render coats. Despite having a curing time accelerated, its formula guarantees a strong water retention in the mixture. Even on harsh surfaces as exposed concrete or finishes based on lime or fiber cement, ISOLMIX RASOCOL doesn't require to be primed and presents a long and efficient workability without the tendency of substrate to "burn" the finish coat.

- on every kind of substrate
- high performance product
- excellent adhesion
- can be applied on "quartz" finishes
- good mechanical performance
- ideal to embed reinforcement meshes

AREAS OF APPLICATION

INTERVENTIONS

Excellent to even out the walls, for rendering indoors and outdoors, for civil and commercial use. Should be used for leveling uneven surfaces. Especially suitable for bonding links and to embed reinforcement meshes.

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, 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, in frost environments,
- for swimming pools, cold rooms and for overlaying
- as waterproofing

LAYING

AS BONDING LINK

Let stand for a few minutes the mixture before application. Apply the mixture as a classic adhesive with a trowel. Finishing plaster should be applied when the smoothing coat has still a pasty consistency.

REINFORCEMENT MESH

Spread a layer of ISOLMIX RASOCOL on the substrate, apply a mesh of glass fibers, embed to the support with an additional thin layer of adhesive.



COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W2

INDICATIVE DATA OF THE PRODUCT

Color/consistency: 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): > 25 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}: 0,15

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 ≈ 28% of water on a part of ISOLMIX RASOCOL

Pot life: ≈ 1 hour

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

Thickness: from 1 to 2 mm

Complementary products: EMULSIONMIX

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

Hardened mortar density: 1,8 kg/l

Start setting time: ≈ 4 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.