



ISOLMIX RASOCOL 600

ISO45

ITEM SPECIFICATIONS

Very high performance adhesive coating, quick drying, low thick, highly hydrophobic, suitable for smoothing of every kind of mineral substrates, tiles, etc., based on hydraulic binders, polymers and special additives, class GP CSIV W2 and R2-PCC.

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



HIGHLY
HYDROPHOBIC



TO BE APPLIED
WITH IRON TROWEL



ELASTIC



TO BE FLOATED
WITH SPONGE
TROWEL



SUITABLE
FOR RENDERING
OF EXISTING
SUBSTRATES



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request



TECHNICAL CHARACTERISTICS

ISOLMIX RASOCOL 600 is an adhesive uniforming skim coat for preparation of substrates for resins, NANOSTUCCO application system, microcements, etc. Its innovative formula is designed to make it neutral and ideal for finishing cycles on any substrate.

HIGH ADHESION AND ELASTICITY

ISOLMIX RASOCOL 600 is a product with a very high content of polymer such as it can adhere on any substrate typical of renewal, as tiles, EPS, polyurethane and extruded polystyrene panels, as well as on classic mineral substrates. Besides, it is a product highly elastic such as to have a lowering in bending of approximately 3 mm.

BARRIER EFFECT

ISOLMIX RASOCOL 600 is a one-component smooth coat with barrier effect that makes perfectly impervious surfaces. It has a pronounced drop effect. At the same time, the product ensures to the finish to be applied a perfect bonding link without need to pass a primer.

QUICK DRYING AND COMMISSIONING

ISOLMIX RASOCOL 600 has a fast drying time enough to apply the finish coat within 12-24 hours, a key condition for a fast commissioning and opening of the places.

- highly hydrophobic
- highly elastic
- quick drying and hardening
- high adhesion on every kind of substrates
- neutralizing effect
- steam barrier
- ideal as substrate for microcement and resin

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.

In the fiber-reinforced version, it is the ideal solution to avoid the occurrence of cracks in substrates particularly deteriorated. For smoothing concrete.

SUBSTRATES

Cement-based and lime-based plasters, aerated concrete, concrete facades, specular precast concrete or cast in situ concrete, fiber cement, EPS, rock wool, mineralized wood, silicate paints, colored finishes well anchored to the substrate, calcium silicate boards, tiles.

DO NOT USE

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

LAYING

AS BONDING LINK

Let stand for a few minutes the mixture before application. Apply the mixture as a classic adhesive with an iron or plastic trowel. Finishing plaster should be applied when the smoothing coat has still a pasty consistency and within 2 hours since mixing. If you want to leave it exposed, you can float with a sponge trowel, by slightly wetting the surface.

REINFORCEMENT MESH

Spread a layer of ISOLMIX RASOCOL 600 on the substrate, apply a mesh of glass fibers, embed to the support with an additional thin layer of adhesive.



SUBSTRATE FOR NANOSTUCCO



SMOOTHING

COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W2 / EN 1504-3 R2-PCC

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 ≥ 30 N/mm²
(EN 1015-11/EN 12190):

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

Initial adhesion after 28 days (EN 1015-12/EN 1542): ≥ 1 N/mm²

Chloride ions content (EN 1015-17): $\leq 0,05\%$

Capillary absorption (EN 13057) (kg/m².h^{0,5}): $\leq 0,5$

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

Heat conductivity (W/m*K) (EN 1745): 0,84

Thermal compatibility as adhesion according to
EN 1542 after freeze/thaw cycles (EN 13687/1): $\geq 0,8$ MPa

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 $\approx 29\%$ of water on a part of
ISOLMIX RASOCOL 600

Pot life: ≈ 20 minutes

Consumption: 1,5 kg/m² per mm of thickness

Thickness: from 1 to 3 mm

Complementary products: EMULSIONMIX - ISOLMIX
ACSIPOSI

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

Start setting time: ≈ 1 hour

End setting time: ≈ 3 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.