



ISOLPOROX TRADIZIONALE CCM POR02



ITEM SPECIFICATIONS

Thick breathable basecoat, based on hydrated lime and cement, quality aggregates and special chemical additives, class GP CSII W0.

THE PRODUCT



FOR INDOOR
& OUTDOOR



PACKS
OF 33 KG



FOR WALL
& CEILING



PACKS
OF 25 KG



CEMENT BASED



PACKS
OF 20 KG



HYDRATED LIME
BASED



MECHANICAL
MIXING



HIGHLY
THIXOTROPIC



TO BE APPLIED
WITH TROWEL



FIBER-REINFORCED
VERSION AVAILABLE



TO BE APPLIED
WITH PLASTER
SPRAYER



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



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request

TECHNICAL CHARACTERISTICS

ISOLPOROX TRADIZIONALE CCM is the evolution, in modern way, of the traditional lime-cement plaster, in order to refine durability and resistance of classic plaster, after correcting defects.

VARIABLE VISCOSITY

The formula of ISOLPOROX TRADIZIONALE CCM has been designed to obtain a product a low viscous product during mixing and to be used with plaster sprayer. The product becomes highly thixotropic and viscous once applied on wall.

LOW ELASTIC MODULUS AND MICROPOROSITY

By designing ISOLPOROX TRADIZIONALE CCM we have considered that temperature changes don't have to dilate nor contract the product until to slide and detach coating from support. These characteristics have been get thanks to perfect balance between roughness, resistance of cement and open, breathable structure of lime. Its bi-phasic nature gives to the material a diffuse microporosity and low elastic modulus in all temperature.

DURABILITY

ISOLPOROX TRADIZIONALE CCM has an extremely high durability compared to pre-mixed standard plaster and a high compatibility with classic stratigraphy of the wall. It is the ideal substrate for every kind of coating.

- high durability
- excellent resistance
- excellent thixotropy
- good breathability
- can be used with plaster sprayer
- on standard substrate

AREAS OF APPLICATION

INTERVENTIONS

- Excellent as basecoat indoors, even good outdoors, for civil and commercial use.
- Excellent for remediation of damp walls, rising damp from the ground and thermal bridges.
- Ideal for historical restoration, resistant to thermal shocks.

SUBSTRATES

- Cement-and lime- based plasters, cellular concrete, plasterboard.
- Can also be used on precast or cast in situ concrete.
- Solid and hollow bricks, cement blocks.

DO NOT USE

- as waterproofing or on exclusive NX systems
- on gypsum based plasters, on glazed, resin or cementitious tiles, cement-based 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

LAYING

APPLICATION WITH PLASTER SPRAYER

In this case, the mixture has to be prepared directly in the sprayer. Spray a single layer about 2 cm thick, from the bottom upwards, keeping a distance of 20 cm from the wall, in order to obtain an uniform surface. After a few minutes, float the surface performing horizontal and vertical passages using aluminum straight edge.

APPLICATION BY HAND

In the case of small areas, it is recommended to apply the plaster by hand. When the mortar has been mixed for about 5 minutes, apply it with iron trowel, from the bottom upwards. Then, proceed as in the case of application with plaster sprayer. In both cases, wait from 2 to 4 hours (depending on the weather conditions) before passing the sponge float or the wood one.

APPLYING ON WALL WITH PLASTER SPRAYER



FLOATING ON WALL BY HAND

COMPLY WITH THE STANDARD

EN 998-1 GP CSII W0

INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey/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): CSII (from 1,5 to 5,0 N/mm²)

Initial adhesion after 28 days (EN 1015-12) : ≥ 0,4 N/mm²

Water absorption coefficient due to capillary action [kg/(m²*min^{0,5})] (EN 1015-18 N/mm²): W0

Water vapour permeability (μ) (EN 1745): 15/35

Heat conductivity (λ10, dry) (W/m*K) (EN 1745): ≈ 0,75

Reaction to fire: A1

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

Water used for mixing: add ≈ 19% of water on a part of ISOLPOROX TRADIZIONALE CCM

Pot life: 2 hours

Consumption: ≈ 16 kg/m² per mm of thickness

Complementary products: ISOLPOROX RINZAFFO - ISOLMIX

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

Ideal temperature: + 20°C

Start setting time: ≈ 3 hours

End setting time: ≈ 18 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.