



## ISOLPOROX TRADIZIONALE CM POR01



### ITEM SPECIFICATIONS

Thick cementitious basecoat, with high mechanical resistance, based on hydraulic binders, quality aggregates and special chemical additives, class GP CSIV W1.

### THE PRODUCT



FOR INDOOR  
& OUTDOOR



PACKS  
OF 33 KG



FOR WALL  
& CEILING



PACKS  
OF 25 KG



CEMENT BASED



PACKS  
OF 20 KG



HIGHLY  
THIXOTROPIC



MECHANICAL  
MIXING



FIBER-REINFORCED  
VERSION AVAILABLE



TO BE APPLIED  
WITH TROWEL



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



TO BE APPLIED  
WITH PLASTER  
SPRAYER



USE PERSONAL  
PROTECTIVE  
EQUIPMENT

\* available on request

### TECHNICAL CHARACTERISTICS

ISOLPOROX TRADIZIONALE CM is a cementitious basecoat for medium thicknesses, with high content of binder and high mechanical resistance.

#### EXCELLENT ADHESION

ISOLPOROX TRADIZIONALE CM assures an excellent adhesion on support, a perfect structure continuity and high quality level of the work.

#### VARIABLE VISCOSITY

The formula of ISOLPOROX TRADIZIONALE CM has been especially designed to obtain a slightly viscous product during the stages of mixing, and to be subsequently highly thixotropic and viscous once applied on wall.

#### MECHANICAL RESISTANCE

ISOLPOROX TRADIZIONALE CM is a cementitious basecoat. Its particular formula provides good mechanical resistance, hardness and compactness.

#### CONTROLLED SHRINKAGE

The particular formula of ISOLPOROX TRADIZIONALE CM has been designed to ensure that the volume increase, during the hydration stage, can compensate the shrinkage during drying stage, preventing thus cracks formations.

- high mechanical performance
- excellent adhesion
- high durability
- excellent thixotropy
- 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.

### SUBSTRATES

- Cement-and lime- based plasters, cellular concrete, stone walls.
- Can also be used on precast or cast in situ concrete.
- Hollow bricks, cement blocks, sandstone blocks or similar.

## DO NOT USE

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



SMOOTHING WALL



APPLYING ON WALL WITH PLASTER SPRAYER

## COMPLY WITH THE STANDARD

EN 998-1 GP CSIV W1

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: grey/powder

Solid content %: 100

Bulk density kg/l: approx. 1,8

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):  $\geq 6$  N/mm<sup>2</sup>

Initial adhesion after 28 days (EN 1015-12):  $> 0,5$  N/mm<sup>2</sup>

Water absorption coefficient due to capillary action  
[kg/(m<sup>2</sup>·min<sup>0,5</sup>)] (EN 1015-18 N/mm<sup>2</sup>): W1

Water vapour permeability ( $\mu$ ) (EN 1745): 15/35

Heat conductivity ( $\lambda_{10}$ , dry) (W/m·K) (EN 1745): 0,83

Reaction to fire: A1

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

Water used for mixing: add  $\approx 19\%$  of water on a part of  
ISOLPOROX TRADIZIONALE CM

Pot life: 1 hour

Consumption:  $\approx 18$  kg/m<sup>2</sup> per mm of thickness

Complementary products: ISOLPOROX RINZAFFO - ISOLMIX

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

Ideal temperature: + 20°C

## 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.