



## ISOLMIX ACSIPOSÌ ISO23



### ITEM SPECIFICATIONS

Acrylic-calcium silicate-superpozzolanic-siloxanic finishing plaster, water-repellent, breathable, resistant to saline (saltpeter), unalterable, colored, based on selected silica sand, hydraulic binders, resins and additives, class CR CSIV W2.

### THE PRODUCT



FOR INDOOR  
& OUTDOOR  
WALLS



PACKS OF  
25 KG



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



PACKS OF  
20 KG



CEMENT  
BASED



PACKS OF  
14 KG



HYDROPHOBIC



PACKS OF  
10 KG



COLORFUL



MECHANICAL  
MIXING



SUITABLE  
FOR RENDERING OF  
INSULATING PANELS



TO BE APPLIED  
WITH IRON TROWEL



AVAILABLE  
IN VARIOUS  
GRAIN-SIZE



TO BE FLOATED  
WITH SPONGE  
TROWEL



USE PERSONAL  
PROTECTIVE  
EQUIPMENT

### TECHNICAL CHARACTERISTICS

It is one of the last exclusive Personal Factory compound, consisting of 10 components. Its greatest skill is the ability to increase the performance of the product regardless of the substrate (cement, lime, hydraulic lime). Average mechanical strengths are increased by a factor ranging from 2 to 4. Another unique feature is the improvement of the color uniformity product in which is used the principle ACSIPOSÌ, which becomes optimal regardless of the substrate. This means that we will not see substantial differences in thicknesses ranging from 1 to 5 mm and that, regardless of absorbency of the fund, the result will be more homogeneous.

#### CHEMICAL STABILITY AND HARDENING DELAY

The unique compound ACSIPOSÌ gives to the finishing a very high chemical stability, not comparable with the classic mineral finishes. In addition, despite having a processing time very open, it has hardening and maturing time much shorter compared to all the mineral compounds present on the market, thus enabling the quick dismantling of the work protections.

#### RESISTANCE TO UV-RAYS, TO AGING AND EFFLORESCENCE

In designing ISOLMIX ACSIPOSÌ we have considered that to have an aging-resistant product, it is necessary to block UV-rays. These rays have high energy and are able to break chemical bonds that exist between the molecules in polymers. The complete shielding, thanks to natural compounds, makes the product actually immune to attacks from UV rays even at equatorial latitudes.

- universal finish with acrylic-calcium silicate-superpozzolanic-siloxanic technology
- resistant to efflorescence
- colored product
- high performance product
- highly breathable & hydrophobic
- resistant to thermal changes

## AREAS OF APPLICATION

### INTERVENTIONS

- excellent for rendering indoors and outdoors
- good for civil and commercial use
- ideal for street furniture, resistant to thermal changes, frost-proof
- ideal for construction near the sea

### SUBSTRATES

- cement-based and lime-based plasters, aerated concrete
- can be used on pre-cast concrete or cast in situ concrete

## DO NOT USE

- for swimming pools and for overlaying
- as waterproofing
- on gypsum-based plasters
- on glazed tiles, resin or cementitious tiles, cementitious 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, substrates subject to continuous rising damp

## LAYING

### APPLICATION WITH IRON/SPONGE TROWEL

Spread a thin 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.



## COMPLY WITH THE STANDARD

EN 998-1 CR CSIV W2

## INDICATIVE DATA OF THE PRODUCT

Color/consistency: colorful/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):  $\geq 22$  N/mm<sup>2</sup>

Initial adhesion after 28 days (EN 1015-12):  $\geq 1$  N/mm<sup>2</sup>

Water absorption coefficient due to capillary action (EN 1015-18) Kg/m<sup>2</sup>.min<sup>0.5</sup>:  $\leq 0,2$

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

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

Reaction to fire: A1

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

Water used for mixing: add  $\approx 23\%$  of water on a part of ISOLMIX ACSIPOSI

Pot life:  $\approx 1$  hour

Consumption:  $\approx 1,8$  kg/m<sup>2</sup> per mm of thickness

Thickness: from 1 to 4 mm

Complementary products: EMULSIONMIX

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

Start setting time:  $\approx 90$  minutes

End setting time:  $\approx 180$  minutes

## 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.