



ISOLMIX MARE ISO08

GP
CSIV
W2

CE
EN 998-1

ITEM SPECIFICATIONS

Water-repellent, breathable, finishing plaster, for every kind of building, durable in areas subject to saltpeter, for buildings near the sea, based on hydraulic binders, resins and chemical additives with superpozzolanic effect, 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



WHITE
AVAILABLE



PACKS OF
10 KG



HYDROPHOBIC



MECHANICAL
MIXING



FIBER REINFORCED
VERSION AVAILABLE



TO BE APPLIED
WITH IRON TROWEL



ANTI
SALTPETER



TO BE FLOATED
WITH SPONGE
TROWEL



AVAILABLE
IN VARIOUS
GRAIN-SIZE



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request

TECHNICAL CHARACTERISTICS

Salt peter is the main cause of the deterioration of buildings near the sea, and in particular environmental conditions, this degradation is catastrophic. After years of research and experimentation in the field, and thanks to the experience in high-performance products, we have developed a range of coatings that allow to solve the serious problem that buildings near the sea encounter. Selecting materials that showed a marked resistance to salt peter, we began a series of experiments and we managed to improve all the technical features of our range of coatings with the addition of the high resistance to salt peter.

HIGH WATER REPELLENCY AND BREATHABILITY

In designing ISOLMIX MARE we have considered that on the walls of a house annually fall tens of tons of water that must be stopped and that other tons of water must be able to get outside as produced inside in the form of water vapor. High breathability and water-repellency solve the problem.

RESISTANCE TO UV-RAYS AND EFFLORESCENCE

In designing ISOLMIX MARE 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
- high performance product
- for sea-side buildings
- highly breathable
- hydrophobic
- resistant to thermal changes
- on standard substrate

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.

SEA-SIDE FINISHING



SEA-SIDE FINISHING



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. 1,6

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): ≥ 20 N/mm²

Initial adhesion after 28 days (EN 1015-12): $\geq 0,5$ N/mm²

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

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 $\approx 20\%$ of water on a part of ISOLMIX MARE

Pot life: ≈ 1 hour

Consumption: 1,8 kg/m² per mm of thickness

Thickness: from 1 to 4 mm

Complementary products: EMULSIONMIX

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

Start setting time: ≈ 2 hours

End setting time: ≈ 4 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.