



ISOLVASCHE 100 COLOR VAS03

ITEM SPECIFICATIONS

One-component, waterproof colored plaster, highly hydrophobic, non-elastic, for finishing of tanks, sinks and swimming pools, based on quartz sands, special cements, resins and various additives. Non-toxic, complying with the standard EN 1504-2 and EN 1504-3.

THE PRODUCT



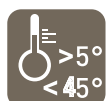
FOR WALL
& FLOOR



FOR INDOOR
& OUTDOOR



CEMENT BASED



TO BE APPLIED
AT TEMPERATURE
FROM 5°C TO 45°C



WATERPROOF



COLORED
VERSION
AVAILABLE



MECHANICAL
MIXING



TO BE APPLIED
WITH TROWEL



TO BE APPLIED
WITH ROLLER



TO BE APPLIED
WITH BRUSH



USE PERSONAL
PROTECTIVE
EQUIPMENT

* available on request



TECHNICAL CHARACTERISTICS

ISOLVASCHE 100 COLOR is a colored, render plaster, highly hydrophobic and waterproof. Its purely mineral formula makes it long lasting in harsh environments and it does not suffer aging because of UV rays. Its composition has been designed to waterproof all building sites where high crackbridging values aren't required. At the same time ISOLVASCHE 100 COLOR allows a single application and it does not require to be protected, as it allows to finish, protect and color the structure with only one product [ducts, walls, sinks, etc].

DURABILITY

ISOLVASCHE 100 COLOR is a product with very high resistance for external environments, as it is antiaging on walls and on structures highly sunny, even in equatorial climates. At the same time, because of its mineral composition the product has no Tg [glass transition typical of polymers]. It presents a very high durability even in harsh weather conditions.

AESTHETIC ASPECT

ISOLVASCHE 100 COLOR is a product that allows to cover and color various masonry or concrete structures, both vertical and horizontal. Permanent and durable even in seafront environments or subject to saline mist. Available in dozens of colors.

KERAMICA

AREAS OF APPLICATION

INTERVENTIONS

- Waterproofing and smoothing of swimming pools, reinforced concrete tanks, reservoirs and pipes of hydroelectric power plants.
- Waterproofing balconies, terraces, bath rooms.
- Protection of reinforced concrete, prefabricated structures and structural components subject to deformation under load.
- Protection of plasters, walls in contact with sea water, highway viaducts, dams and tunnels.

SUBSTRATES

Cement-based plasters, plasterboard, mineral renders, cementitious waterproofing, prefabricated panels.

DO NOT USE

- on epoxy or flexible primers, on substrates subject to continuous rising damp, on paints or waxed products
- on linoleum, PVC, wood, polyester membranes, bituminous membranes, rubber, metallic surfaces (gutters, flashings, sibilings, etc.)
- on gypsum and plasterboard

LAYING

Check that the substrate is clean, free from oils and quite robust. If necessary, remove the unsafe material. In the case that the substrate is not regular (also to avoid excessive consumption), it is recommended to apply one coat of rustic plaster additivated with EMULSIONMIX in order to improve the elasticity, adhesion and to let cure.

APPLICATION WITH IRON OR PLASTIC TROWEL

Spread a thin coat with iron trowel. When it is dried (the next day), apply a second thin coat and, in the same time, use smooth plastic trowel or iron one.



COMPLY WITH THE STANDARD

European Norm 1504-2/1504-3

INDICATIVE DATA OF THE PRODUCT

Color/consistency: colored/powder

Solid content %: 100

Bulk density kg/l: approx. 1,2

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: 20 kg

VALUES OF THE FINAL PERFORMANCE

Compression strength (28 days) (EN 12190): > 20 MPa

Flexural strength (28 days) (EN 196-1): > 5 MPa

Chloride ion content (EN 1015-17): ≤ 0,05%

Adhesion (EN 1542): ≥ 2 MPa

Thermal compatibility after freeze/thaw cycles: ≥ 2 MPa

Capillary absorption (EN 13057) (Kg/m²*h^{0.5}): ≤ 0,3

Water vapour permeability (EN 7783-1) (S_D < 0,5): class I

Impermeability as coefficient of water permeability (EN 1062-3) (Kg/m²*h^{0.5}): < 0,1

Reaction to fire: A1

Penetration depth of pressure water (3 bar, 7 days, positive thrust) (EN 12390-8): ≤ 1 mm

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

Water used for mixing: add ≈ 26% of water on a part of ISOLVASCHE 100 COLOR

Pot life: ≈ 180 minutes

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

Application temperature: + 5°C /+ 45°C

Ideal temperature: + 20°C

Start setting time: ≈ 4 hours

End setting time: ≈ 7 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.