

TECHNICAL SHEET

Iso Fondo 2.0

Levelling agent with fibers, in powder

DESCRIPTION

Levelling agent in white powder, inorganic, for external / internal, component (support) of specific application cycles aimed at rehabilitation for dehumidification or waterproofing of structures in ground and suitable for containment.

Isocolor cycles of intervention offer versatile and functional solutions, aimed at the elimination of rising damp by capillarity, infiltrations in structures in ground and in containment structures. The contained thicknesses that develop these cycles allow to be able to operate in still suitable and cohesive supports and in masonry with low thickness plasters without modifying the original dimension (reinforced concrete).

CLASSIFICATION

White, inorganic, mono-component, levelling agent in powder for undercoat, based on Portland Cement 52.5 R CEM I and silica sand, a component of specific application cycles aimed at dehumidification or waterproofing.

Composition:

- Portland Cement 52.5 R CEM I;
- selected aggregates;
- specific additives.

Suitability of the supports:

Apply on reinforced concrete, filler mortars - with fibers, cement based plaster (lime 5%), cured, rough, solid, coplanar and cohesive.

HOW TO USE

Environmental conditions:

Ambient temperature (at least 12 hours): min. + 5°C max + 35°C. Protect from sun exposure and strong wind.

Dilution:

Mix with a stirrer 5 kg of powder and one liter of water.

Mixture life time at ~ 20 ° C:

About 60 minutes.

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Preparation of the support:

The supports have to be rough, if present, remove paint, coatings and levelling agents by mechanical abrasion or sandblasting. Eliminate degraded and incoherent supports, until surfaces are suitable for connection. Carry out any restorations with Isocolor® fillers / fibers (proceed until complete curing).

Reinforced concrete that are particularly smooth or treated with disarming agents must be mechanically abraded or treated by an acid process followed by pressure washing.

Treat exposed irons with suitable passivizing media.

Application:

Wet the area until saturated, the product has to be smooth troweled with a metal trowel.

Ascent humidity by capillarity:

Treat a uniform and coplanar band, calculated at a 60% higher than the maximum evaporation level. Apply a substrate of at least 2 coats of Iso Fondo 2.0 (total thickness of approx. 4-5mm) with possible interposition of the net *. Finish with a coat of iso Finitura 0.8, 0.6 or 0.3 (approx. 1mm thick) **.

Waterproofing in ground (underground structures):

Treat the whole area. In the presence of continuous dripping of the surface, the leakage must be blocked for the necessary time. When the cycle is completely cured, apply a substrate of at least 2 coats of Iso Fondo 2.0 (total thickness approx. 4-5mm) with possible interposition of the net *. Proceed with a layer of Iso Finitura 0.8, 0.6 or 0.3 (thickness c.a. 1mm) ** and complete with Iso Impermeabilizzante 0.0.

Containment waterproofing:

Trattare interamente l'area. Applicare due strati di Iso Fondo 2.0 (spessore c.a. 2,5mm per strato) con interposizione di rete in fibra di vetro*. Successivamente applicare Iso Finitura 0.3 o 0.6 o 0.8 (spessore c.a. 1- 2mm) a seconda del grado di finitura desiderata. Completare con Iso 0.0 Impermeabilizzante in caso impermeabilizzazioni di muri controterra o di contenimento dopo 2-3 gg.

Treat the area entirely. Apply two coats of Iso Fondo 2.0 (about 2,5 cm thick per coat) with the interposition of the fiberglass net*. Subsequently apply Iso Finitura 0.3 or 0.6 or 0.8 (thickness about 1- 2mm) according to the desired degree of finish. Complete with Iso 0.0 Impermeabilizzante in case of waterproofing of walls in ground or of containment after 2-3 days.

* On cracked or not completely cohesive supports, cracks, corners or grafts, interpose Isocolor certified fiberglass net (160 g / m²) in the Iso fondo 2.0 coats.

Curing:

Avoid rapid drying. Keep hydrated before and after each application. Complete curing after 28 days.

Consumption:

1mm/m² = about 1,5kg

Overpaintable:

Ascent humidity cycle by capillarity: paint with highly breathable, silicate, lime or siloxane products after complete drying (28 days).

In a wall that is heavily impregnated with moisture, after the treatment, slightly darker rings may be noticed, in correspondence with the most intense spots of humidity. These rings fade over time.

STORAGE

Packs:

Bags of 25kg

Storage:

In unopened packs and away from moisture: 12 months.

SAFETY INDICATION

Classification related to hazard:

Labeling is required on the basis of Directive 60/2001/CE and subsequent amendments and additions.

Warning for the user:

The concentrated substance can give an irritating effect (see cement). See the safety data sheet.

Smell:

Odorless.

Waste type identification:

Paper containers classified with the cod. 150105 (potentially similar to urban areas based on the regulations of the individual municipalities).

If the container contains residues of un-dried powders it can be classified with the cod. 150110.

Dispose according to the local regulations.

IMPORTANT

This product is formulated to be used as in the application above. The addition of any other product compromises the final result of the surface.

All information contained in this sheet is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines all responsibility for the results of incorrect applications. It is advisable to always carry out tests on small surfaces before application. Data can be changed at any time. This sheet replaces and cancels previous ones.

Product intended for professional use.