

IDROREP/S

Solvent-based anti-salt water-repellent

DESCRIPTION

Idrorep/S Isoplam[®] is a hydro-salt repellent product composed of a mixture of silanes and siloxanes in solvent base.

It is an impregnating agent for substrates, both vertical and horizontal, in cement material (stamped, industrial, architectural floors, concrete ramps, walls, self-locking, bricks ...).

ADVANTAGES

Idrorep / S Isoplam[®]:

- has an excellent impregnating power and penetrates very deeply;
- it is transparent in water vapor;
- tonalizes the color of the support;
- is colorless;
- it is ready to use and easy to apply;
- rapidly develops its water-repellent power (after about 7 days);
- can be applied both indoors and outdoors;
- has excellent resistance to alkalinity of cementitious materials;
- exerts an anti-salt action (sodium chloride);
- resists ultraviolet radiation and does not yellow.

APPLICATION

On existing support.

The substrate must be dry, clean and well-bonded. Idrorep / S Isoplam[®] does not impregnate substrates containing oils, greases, anti-evaporation agents, waxes or resins, efflorescence.

On new concrete

The concrete surface (stamped, industrial, architectural floor, ramps) must mature for at least 7-10 days and must be dry.

Application mode

Mix Idrorep / S before use, in order to disperse the active ingredients.

The product is ready for use and must be applied by airless with a low pressure gun, with a roller or brush. Saturate the substrate evenly without leaving stagnation.

If necessary apply a second coat wet on wet. If applied on vertical supports, proceed from the bottom to the top.

Do not apply Idrorep / S if precipitation is expected within the next 8 hours or if it has rained 24 hours before.

Tools must be cleaned immediately with solvent.

On stamped, industrial, architectural floors or ramps, after a couple of days, it is possible to apply the products of the Isoplam[®] Plam Sealing line. Never apply water-based products on surfaces treated with Idrorep / S.

Note:

Idrorep / S Isoplam® completely exerts its hydro-salt repellent action after 7-10 days from application. The effectiveness of the water-repellent and anti-salt effect depends on the absorption capacity of the substrate and on the quantity of product absorbed: the more the support is absorbent, the greater the effectiveness of the treatment.

Do not apply at temperatures below + 5 ° C or above + 35 ° C, or with air humidity above 85%. Do not apply on supports that have just been exposed to direct sunlight.

TECHNICAL INFO

Appearance: transparent liquid

Odor: typical of the solvent

Density at 25 ° C: 1 g / cm³

Viscosity: 16-19 mPa.s.

Reduction of water absorption (minimum) 85%

Chloride intrusion reduction (minimum) 88%

Water vapor transmission: 100%

Depth of penetration (depending on the porosity of the substrate): 4-5 mm

CONSUMPTION

The consumption of Idrorep / S Isoplam® varies according to the absorbent power of the support and, indicatively, it can vary from 0.2 to 0.4 Lt / sqm per coat.

Make a preliminary test to verify the actual consumption.

PACKAGING, GUARANTEE AND SAFETY

Idrorep / S Isoplam® is available in vases of Lt. 5 or Lt. 20. Store the product in its original container in a cool and dry place (temperatures must be between + 5 ° C and + 35 ° C). Protect from frost.

If correctly stored, the product is guaranteed 24 months from the date shown on the package (the batch number indicates, in sequence, year / week / day).

Consult the safety data sheet of the product before use.

IMPORTANT

The IDROREP / S 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. IDROREP / s is intended for professional use only. Isoplam Srl periodically organizes courses for its customers who request it. Anyone who uses these products without being enabled, does so at his own risk.