



TECHNICAL DATA SHEET

1.3 WATER-REPELLENT PRODUCTS



► Water-repellent Invisible acqua

Water-repellent impregnation agent

1137 / Version 5 / 22-12-2021



DESCRIPTION

Water-repellent impregnation agent based on silanes and siloxanes for absorbent surfaces.

PROPERTIES

- Water vapour-permeable, allowing transpiration of the support.
- Reduces the formation of efflorescences and reduces the possibility of retention of dirtiness in the support pores.
- Resistant to the negative effects of weathering.
- High-penetration fine particle, with excellent adherence on porous surfaces
- Does not modify the appearance of the support.
- Re-coatable.
- Does not contain organic solvents.
- Repellent of both rainwater and water from absorption by capillarity, therefore avoiding the diseases caused by the successive freeze-thaw cycles.

USES

It is used mainly for the treatment of surfaces carried out with absorbent materials exposed to rain, such as: concrete, renders and cement mortar tiles, single-layer mortar, fibre cement, facebricks, natural stone, thermal insulation systems for the exterior, etc.

TECHNICAL DATA

Appearance	Colourless.
Finish	Colourless.
Density a 20°C (Kg/l)	1 ± 0.02
Hydrophobic impregnation drying test (EN 13579:2003)	Class I
Penetration depth (mm.) (EN1766+EN13479+EN14630)	Class I
Water absorption and alkali resistance (EN13580) %	<7.4 % AR <10% AR alk
Yield (l/m2)	Approximately 0.2-0.6.
Drying at 20°C (minutes)	30, Depending on the absorption of the surface.
% maximum dilution	Do not dilute, apply to the use.
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 0,100 g/l,

HOW TO APPLY

- Stir the product until totally smooth.
- The surfaces to be painted must be clean, dry and free of dust, grease, saltpetre, etc.
- Check carefully that the surfaces where it is applied are completely dry and there are no filtrations.
- In case of clogging of the pores and to ensure adequate impregnation, it is advisable to clean fully the façade using a high-pressure steam jet, water jet, or water-sand jet.



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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not paint at a temperature of below 7°C .

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

The paint should not be applied under conditions of excessive sunlight, strong winds, or if rain is forecast.

POSSIBLE APPLICATION SYSTEMS

Use a brush or roller for normal application of Hidrofugante invisible acqua. A spray gun may be used, although the former are recommended. Check carefully that the surfaces where it is applied are completely dry and there are no filtrations. In case of clogging of the pores and to ensure adequate impregnation, it is advisable to clean fully the façade using a high-pressure steam jet, water jet, or water-sand jet. To achieve an adequate, longer-lasting protective effect, it is necessary to apply two coatings of product and said application must be carried out wet-on-wet.

FINISH HIDROFUGANTE INVISIBLE ACQUA:

- Yield: 0.2-0.6 L/m², según soporte.
- Coats: 2

SAFETY

Consult the current safety data sheet for safe handling (Section 8.2). Unsuitable for children. Keep out of the reach of children. Do not place painted surfaces into the mouth.

REMOVAL

Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling, in line with the local and national legislation in force. Take the necessary measures to ensure waste is kept to an absolute minimum. Analyse all possible methods for reuse or recycling. Do not pour down drains or into the environment. Dispose of the product at an authorised waste disposal site or through an authorised waste management company. Waste must be handled, stored and disposed of pursuant to current local- national legislation.

STORAGE

See storage conditions indicated in section 7.2 of the current safety data sheet. Store the containers away from high temperatures, direct exposure to the sun and frost. Maximum recommended storage time: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

LEGAL TEXT NOTE

This information and, in particular, the recommendations regarding the application and final use of the product, are given in good faith, based on the current knowledge and experience of Isaval Paints of the products when they are properly stored, handled and applied, in normal situations, within its useful life, according to the recommendations of Pinturas Isaval. In practice, the possible differences in the materials, supports and actual conditions at the place of application are such that it cannot be inferred from the information in this document, no any other written recommendation, neither any advice offered, will insure the guarantee in terms of marketing or suitability for particular purposes, neither any obligation outside of any legal relationship that may exist. The user of the products must carry out the tests to verify their suitability according to the use they want to give. Pinturas Isaval reserves the right to change the specifications of its products. The property rights of third parties must be respected. All orders are accepted according to the terms of our current General Conditions of Sale and Supply. Users should know and use the latest and updated version of the local Product Data Sheets, a copy of which will be sent to whoever requests them, or can also be obtained on the page "www.Isaval.es". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.