



TECHNICAL DATA SHEET

1.3 WATER-REPELLENT PRODUCTS

► Water-repellent Invisible

Water-repellent impregnation agent

1003 / Version 3 / 05-03-2025



DESCRIPTION

Water-repellent impregnation agent based on silanes and siloxanes for absorbent surfaces. Complies with the UNE-EN 1504-2 standard for products and systems for the protection and repair of concrete structures.

PROPERTIES

- Repellent of both rainwater and water from absorption by capillarity, therefore avoiding the diseases caused by the successive freeze-thaw cycles.
- 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.
- Good flexibility.
- High-penetration thin particle, with excellent adherence on porous supports.
- Does not modify the appearance of the support.
- Re-coatable.
- Ready-to-use.

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, etc.

TECHNICAL DATA

Appearance	Colourless.
Colour	Invisible.
Density at 20°C (Kg/L)	0.8 ± 0.02
Hydrophobic impregnation drying test (EN 13579:2003)	Class II, DRC 13.1.
Water absorption and alkali resistance (EN13580) %	7.4% AR 8.4% AR alk
Penetration depth (mm) (EN1766+EN13479+EN14630)	Class I, 4.4 mm
Yield (L/m ²)	0.2 - 0.6
Touch dry (20°C) (min)	30
Thinner	Do not dilute, ready to use.
Volatile Organic Compounds (COV).	Maximum product content 748,00 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.

SURFACE AND AMBIENT CONDITIONS

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, roller or spray gun for normal application of Invisible water-repellent. To achieve an adequate, longer-lasting protective effect, it is necessary to apply two coats of product and said application must be carried out wet-on-wet.



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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: 24 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. All data in this document are based on laboratory tests conducted at 20°C and 1 atm pressure. Measurements taken "on-site" may vary due to circumstances beyond our control, such as changes in environmental conditions of pressure and temperature.