



TECHNICAL DATA SHEET

1.3 WATER-REPELLENT PRODUCTS

► Isa-roc Brick varnish

Water-repellent varnish

1007 / Version 3 / 05-12-2023



DESCRIPTION

Water repellent varnish based on acrylic copolymers in solution.

PROPERTIES

- Water-repellent and rainwater-proof.
- 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.
- Effective non-carbonating barrier due to its high resistance to CO₂ diffusion.
- Good flexibility.
- High-penetration fine particle, with excellent adherence on porous surfaces
- Re-coatable.

USES

Especially indicated for application to natural stone, marble, granite, artificial stone, façades finished with facing brick, rendering and other construction materials. On concrete it provides an excellent non-carbonating barrier. It highlights the natural beauty of the surfaces to which it is applied.

TECHNICAL DATA

Appearance	Transparent.
Finish	Glossy.
Thinner	D-90
Mixture viscosity (Copa Ford No. 4). Seconds.	20 - 40
Density at 20°C (Kg/L)	0.91 ± 0.05
Content in solids % volume	53
Water impermeability (NFT 30701)	Total
Yield (m²/L):	8 - 10
Touch dry (20°C) (min)	30
Second coat (hours)	24
Brush or roller dilution	0 - 5 %, if necessary.
Volatile Organic Compounds (COV).	Maximum product content 748,20 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- Check carefully that the surfaces where it is applied are completely dry and there are no filtrations.

SURFACE AND AMBIENT CONDITIONS

AMBIENT CONDITIONS:

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



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SURFACE PREPARATION

UNPAINTED SURFACES:

Concrete:

- Wait until completely set (min. 30 days).
- Removal of stripping substances

Plaster/Cast plaster:

- Apply one coat of fixer/primer to create a foundation of resin, allowing breathability, reducing absorption and facilitating the subsequent application of paint. (See possible application systems)

Cement mortar:

- Elimination of efflorescence and alkalinity by treating with DILUTED ZINC SULPHATE.

PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- Regardless of the support to be repainted, its appearance must be homogenised; in other words, adjust the surfaces that are shiny to help to open the pores and foster adhesion. Check the adhesion and resistance of the paint. Correct any texture or planimetry differences that may exist with RHONA repair mortars. Test compatibility between coats.

Exposed brick:

- If the surface has problems with saltpetre or damp the product should NOT be applied.

POSSIBLE APPLICATION SYSTEMS

Use a brush or roller for normal application of Isa-roc A spray gun may be used, although the first two methods are recommended.

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.