



TECHNICAL DATA SHEET

5.2 WATER-BASED VARNISH

► Xanol Acrylic enamel

Polyurethane acrylic enamel

1903 / Version 5 / 05-03-2025



DESCRIPTION

Water-based acrylic enamel.

PROPERTIES

- Pleasant to the touch
- Easy to brush and level.
- Resistant to the negative effects of weathering.
- Good wet scrub resistance.
- Good adhesion on difficult surfaces.
- Does not yellow over time, not even in dark conditions.
- Microporous, allows breathability of the surface.
- Resistant to the alkalinity of the surface, such as cement mortars, concrete, brick, etc.
- Does not contain organic solvents.

USES

Advisable for lacquering wooden doors and windows. Protection of a large variety of surfaces (duly primed) such as wood, plaster and iron.

TECHNICAL DATA

Appearance	Satin.
Colour	White and colours from the Sistema tintométrico Esencia
Density at 20°C (Kg/L)	1.20 ± 0.05
Content in solids % volume	42
Yield (m²/L):	8 - 12
Touch dry (20°C) (min)	30 - 60
Second coat (hours)	5 - 6
Thinner	Water.
% spray gun dilution	10 - 20
% brush or roller dilution	0 - 5
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 26,70 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.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

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

SURFACE TEMPERATURE:

It should be 2 - 3 °C above dew point when painting.

AMBIENT CONDITIONS:

It is not recommended to paint in rainy weather or at times of peak heat.



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SURFACE PREPARATION

UNPAINTED SURFACES:

Wood:

- Removal of product residues and foreign substances. Must be properly sanded and, after removing all dirt, apply a suitable base coat according to the table of possible painting systems and sand gently. Then apply two coats of finish, sanding gently between layers.

PRE-PAINTED SURFACES IN POOR CONDITION:

Wood:

- If the enamel-coated surface is not in ideal condition, the existing enamel layer should be removed with PAINT STRIPPER.
- Removal of product residues and foreign substances. Must be properly sanded and, after removing all dirt, apply a suitable base coat according to the table of possible painting systems and sand gently. Then apply two coats of finish, sanding gently between layers.

POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Acquatex satin finish. At least two top coats are recommended. Prior to the top coat and depending on the wall apply primer suitable for the yield specified in each case.

PRIMERS:

- Xanol Impregnating primer: open pore surface with tannin blocking action. Yield: 10 - 15 m²/L. Coats: 1
- Xanol Sealant: sealing and filling of wood surfaces. Yield: 8 - 12 m²/L. Coats: 1
- Xanol Wood filler: smoothing of absorption of surfaces and increase in yield of finish. Yield: 1 - 12 m²/L. Coats: 1

FINISH XANOL ESMALTE ACRÍLICO:

- Yield: 8 - 12 m²/l
- 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.

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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.