



TECHNICAL DATA SHEET

9.1 WATER-BASED

► Varnish acqua Polyurethane floors Matt

Aliphatic polyurethane varnish

1151 / Version 7 / 04-03-2025



DESCRIPTION

Mono-component aliphatic polyurethane water-based varnish for treating, decorating and protecting floors.

PROPERTIES

- High physical and chemical resistance.
- Resistance to household cleaning products.
- High transparency.
- Flexible.
- Good adhesion and levelling.
- Odourless.
- Quick drying.
- Highly durable non-slip finish.
- Non-slip finish by adding non-slip additive RESUL to the product.

USES

Protection and decoration of floors, improving resistance to abrasion. Final coat in horizontal waterproofing systems, improving durability in high-transit areas and resistance to UV radiation. Concrete protection. Ideal for decorating and protecting all types of wooden surfaces (floors, doors, furniture, railings, frames, etc.)

TECHNICAL DATA

Appearance	Matt.
Thinner	Water.
Viscosity (Copa Ford No. 4). Seconds.	15 - 20
Density at 20°C (Kg/L)	1 ± 0.05
Yield (m²/L):	10 - 15
Touch dry (20°C) (min)	30
Second coat (hours)	2 - 3
% maximum dilution	0 - 5
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 32,00 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.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not apply at temperatures below 10°C or above 40°C.

RELATIVE HUMIDITY:

Never apply with relative humidity of 80%.

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:

Concrete:

- The paving must be in the very best condition as regards optimum preparation, i.e. clean, dry and even. Wait to complete setting (1 month).
- Remove efflorescences, product residues and foreign substances (grease, dust, oils and/or derivatives, etc.).
- It is essential to regulate porosity on the surface to ensure penetration and anchorage of the paint; to achieve this, the best outcomes are obtained using mechanical methods, which remove any type of unwanted substance or foreign body and regulate surface porosity.

PRE-PAINTED SURFACES IN GOOD CONDITION:

Pre-painted surface in good condition:

- Make sure that the surface is completely clean and free from stains. If not, the stains will be permanently sealed on the surface when the product is applied.

PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- If the surface is in poor condition or flaking, poorly adhered residues must be removed using chemical or mechanical stripping
- See compatibility with the previous paint.
- Clear oil or grease residue.

POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Acqua polyurethane varnish. 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.

FINISH BARNIZ ACQUA POLIURETANO SUELOS (MATE):

- Yield: 10 - 15 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.