



TECHNICAL DATA SHEET

9.2 SOLVENT BASED

► Duepol Solvent-based varnish 2 comp. Matt

Colourless aliphatic polyurethane varnish

1093 / Version 7 / 04-03-2025



DESCRIPTION

Two-component aliphatic polyurethane varnish for treating, decorating and protecting floors.

PROPERTIES

- Does not yellow.
- Resistant to the negative effects of weathering.
- Excellent adhesion to cement and concrete.
- Great resistance to abrasion and wear.
- High resistance to: diesel, petrol, lubricating oil and detergents
- Good flexibility.
- Dust-free effect

USES

Painted concrete floors, printed concrete, etc., both indoors and outdoors, for decorating and protecting floors against the wear and tear caused by use and the passage of time. Universal interior varnish for wood.

TECHNICAL DATA

Appearance	Matt
Gloss (UNE 48026)	5% at 60°
Colour	Transparent
Density at 20°C (Kg/L)	1,1 ± 0,2
Content in solids % volume	50 ± 1
Mixing ratio	4:1 in volume
Useful life of mixture	4 h
Yield	12 - 14 m ² /l
Touch dry	60 min
Second coat	minimo, 6 h máximo, 12 h
Thinner	D-30
Vehicle transit	48 h
Total drying (days)	8
% brush or roller dilution	0 - 5
% spray gun dilution	0 - 5
Volatile Organic Compounds (COV).	Maximum product content 438,90 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.
- Check the compatibility with the previous paint



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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Apply at a temperature of more than 10°C and less than 30°C.

RELATIVE HUMIDITY:

Never apply with relative humidity of less than 85%.

AMBIENT CONDITIONS:

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

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.
- If mechanical treatment cannot be carried out, use at least one chemical treatment: remove foreign or undesired agents using diluted hydrochloric acid, then remove the acid residues with plenty of water. Allow the surface to dry and then paint as normal.
- To seal porous concrete it is advisable to use a suitable sealant according to the table of possible application systems.

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.
- Thoroughly sand the previous paint in good condition.

POSSIBLE APPLICATION SYSTEMS

Two-component Duepol matt varnish can be applied using a brush, short-nap roller, or spray gun.

If the application of the second layer exceeds the repainting time, you must sand to shading before painting.

For painting porous concretes with DUEPOL_BARNIZ SATINADO or MATE is necessary

Pre-seal by applying a coat of DUEPOL_BARNIZ 2 COMPONENTES BRILLO diluted 5-10%, otherwise whitish stains may appear on the varnish.

FINISH DUEPOL BARNIZ 2 COMP. AL DTE. (MATE):

- Yield: 12 - 14 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.

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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.