



## TECHNICAL DATA SHEET

### 9.1 WATER-BASED

#### ► Vulcapol

Highly resistant floors

2279 / Version 2 / 05-03-2025



## DESCRIPTION

Two-component acrylic-polyurethane water-based varnish to provide the painted surface with greater resistance and ease of washing against the stains generated by tyres during transit.

## PROPERTIES

- Very good chemical and mechanical resistance, for interior and exterior floors.
- Glossy product
- Dust-free effect
- Reduces stains from hot tyres
- It facilitates the removal of tyre stains.
- High adhesion on low absorption surfaces.

## USES

Used as a finishing product on continuous floors where waterproofing and anti-dust properties are required. - Especially suitable for laboratory floors, garages, mortars, epoxy or polyurethane systems both interior and exterior. - On systems subjected to light but continuous traffic, where high chemical resistance, scratch and light stability properties are required.

## TECHNICAL DATA

<b>Appearance</b>	Gloss.
<b>Colour</b>	Transparent.
<b>Viscosity (Copa Ford No. 4). Seconds.</b>	60 - 120
<b>Density at 20°C (Kg/L)</b>	1.10 + 0.05
<b>Mixing ratio</b>	100:5
<b>Useful life of mixture</b>	> 8 h
<b>Yield</b>	10 - 15 m <sup>2</sup> /l
<b>Touch dry</b>	30 min
<b>Second coat</b>	2 - 3 h
<b>Vehicle transit</b>	5 days
<b>Thinner</b>	Do not dilute, ready to use.
<b>Volatile Organic Compounds (COV).</b>	Maximum product content 17,20 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.
- - Finishing with mortars or concrete: 1 month. - ISALPOX finishing: 6-8 hours - DUEPOL finishing: 6-8 hours - 100% SOLID SELF-LEVELLING finishing: 24 hours - DUEPOL ACQUA 2COMP finishing: 4 hours. - ACQUAPOX finishing: 4-6 hours.

## SURFACE AND AMBIENT CONDITIONS

### AMBIENT TEMPERATURE:

Always apply above 10°C and below 40°C.

### RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 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:

#### New unpainted surfaces:

- 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:

- If the paint is old or badly adhered with defects such as chalking, blistering, peeling, cracking, etc., it must be completely removed and then apply a coat of transparent acrylic fixer. (see possible application systems)
- See compatibility with the previous paint.
- Clear oil or grease residue.

#### Waterproof surfaces:

- Remove the waterproofed layer using a mechanical process (sanding, shot blasting, etc.). Once the surface is completely clean, paint with a specific paint for floors. After drying, apply varnish to provide greater protection to the system.

## POSSIBLE APPLICATION SYSTEMS

It can be applied using a brush, short-nap roller, or spray gun. For spray application use fine nozzles with high pressure, from 2.5 to 4 atmospheres.

### FINISH VULCAPOL:

- Yield: 10 - 15 m<sup>2</sup>/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](http://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.