



TECHNICAL DATA SHEET

9.1 WATER-BASED

► Epoxy Acquasell sealant

Epoxy sealant and consolidator

1457 / Version 7 / 04-03-2025



DESCRIPTION

Waterproof two-component, colourless epoxy sealant. No odour, does not contain organic solvents.

PROPERTIES

- Very good adherence on asphalt and concrete pavements.
- Good hardness.
- High chemical resistance
- Does not contain organic solvents.
- Dust-free effect

USES

Can be used as a sealant and consolidator for concrete, cement, plaster, etc. Aids anchorage on difficult surfaces such as fine-cast concrete, aluminium, galvanised steel, etc. Adhesive bond between old and new coatings of solvent sensitive systems. And can be applied on surfaces with moisture as a step before completion with finishing paints.

TECHNICAL DATA

Appearance	Satin.
Colour	Colourless.
Density at 20°C (Kg/L)	1,05
Content in solids % volume	56
Mixing ratio	3 to 1 in volume.
Useful life of the mixture (hours)	1,5
Yield	6 - 10 m ² /l
Touch dry (hours)	4 - 5
Second coat	Min: 12 h Max: 48 h
Thinner	Water.
Brush or roller dilution	5 %, if necessary.
Cleaning of utensils and stains	With water before catalysing the product.
Volatile Organic Compounds (COV).	Maximum product content 7,67 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.
- The product cannot be used after mixing once the useful life of the mixture has ended, even though its viscosity allows this.
- Add the hardener to the base and stir mechanically at 300 rpm for 3 minutes.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

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

RELATIVE HUMIDITY:

Never apply with relative humidity of 85%.

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).

New unpainted surfaces:

- 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:

- See compatibility with the previous paint.
- Clear oil or grease residue.
- Thoroughly sand the previous paint in good condition.

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

POSSIBLE APPLICATION SYSTEMS

Use a roller or spray gun for normal application of Acquasell epoxy sealant.

FINISH ACQUASELL SELLADOR EPOXI:

- Yield: 6 - 10 m²/l
- Coats: 1

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.