



## TECHNICAL DATA SHEET

### 9.2 SOLVENT BASED

#### ► Epoxy colourless sealant 100% solids

Colourless epoxy primer without solvent.

1460 / Version 5 / 05-12-2023



## DESCRIPTION

Colourless sealant primer based on epoxy resins with high wetting capacity and good penetration.

## PROPERTIES

- Sealant by capillarity
- Excellent adhesion to cement and concrete.
- High hardness.
- Facilitates adhesion between the concrete floor and the finishing paint
- Self-levelling.

## USES

It can be used as: a fixer, reinforcement of degraded surfaces, excellent sealant for porous concrete, sealant for the subsequent application of epoxy paints, polyurethane, chlorinated rubber, etc., on floors.

## TECHNICAL DATA

Density of the mixture (Kg/L)	1.05 ± 0.05
Useful life of mixture	20 - 35 min
Mixing ratio	3:1 by weight 2.85:1 by volume
Usage	0.25 - 0.35 Kg/m <sup>2</sup>
Touch dry	4 h
Second coat	Minimum 16 h - maximum 24 h
Thinner	D-100
Maximum dilution	0 - 30 %, depending on application method
Finish	Gloss
Cleaning of utensils and stains	With D-100 before catalysing
Volatile Organic Compounds (COV).	Maximum product content 119,30 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.
- Add the hardener to the base and stir mechanically at 300 rpm for 3 minutes.
- AS SELF-LEVELLING MORTAR: To obtain self-levelling mortar mix the paint with the aggregate (0.1-0.5 mm) to a proportion of one part by weight of paint and 0.5 parts of aggregate. Continue to mix for a further three minutes. Application is by spreading the mortar with a metal-toothed float or rake. Then apply a nylon bristle roller to allow the air out and even the surface.

## SURFACE AND AMBIENT CONDITIONS

### AMBIENT TEMPERATURE:

Always apply above 10°C and below 30°C.

### RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 85%.

### SURFACE HUMIDITY:

The maximum moisture content of the surface will be 5%, measured at a depth of 2 cm.



## 9.2 SOLVENT BASED

### ► Epoxy colourless sealant

#### 100% solids

Colourless epoxy primer without solvent.

1460 / Version 5 / 05-12-2023

## SURFACE PREPARATION

### UNPAINTED SURFACES:

#### Concrete:

- Wait until the surface has completely set (1 month).
- Remove efflorescences, product residues and foreign substances (grease, dust, oils and/or derivatives, etc.).
- To seal porous concrete it is advisable to use a suitable sealant according to the table of possible application systems.
- Floors must be clean, free of fats and oils, dry, level and slightly rough. These should be prepared by mechanical means, shot-blasting or milling.

### 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

Use a roller or spray gun for normal application of Colourless epoxy sealant 40% solids. - When SELF-LEVELLING EPOXY is to be applied to uneven surfaces, it is advisable to first apply a layer of EPOXY SEALANT at a rate of 0.3 Kg/m<sup>2</sup>. Then, while wet, 0.5-1 mm quartz sand is "scattered". The recommended quantity of sand is 1 Kg/m<sup>2</sup>. When it has hardened, after 12 hours, all the loose sand is vacuum cleaned and a new layer of EPOXY SEALANT is applied, levelled and defoamed with a bristle roller. This achieves a self-levelling base.

### FINISH EPOXI SELLADOR INCOLORO 100% SÓLIDOS:

- Yield: 0.25 - 0.35 Kg/m<sup>2</sup>
- 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: 24 months from manufacture in fully sealed original container, indoors and at temperatures between 5° and 35° C.

## 9.2 SOLVENT BASED

### ► Epoxy colourless sealant

#### 100% solids

Colourless epoxy primer without solvent.

1460 / Version 5 / 05-12-2023

### 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". Data on this Sheet are based on laboratory tests. The measures taken "on site" may vary due to circumstances beyond our control.