



TECHNICAL DATA SHEET

9.2 SOLVENT BASED

► Isalpo Multi-coat

Transparent epoxy resin

1079 / Version 2 / 05-12-2023



DESCRIPTION

Two-component transparent epoxy resin with high chemical and mechanical resistance for protecting and decorating floors. Contains no solvents (100% solids).

PROPERTIES

- Extremely resistant to solvents, acids and dilute bases, petrol, diesel fuel, brake fluid, lubricating oils and detergents.
- Very resistant to the damaging effects of the outdoors.
- High abrasion resistance.
- Dust-free effect

USES

100% solids epoxy resin (no solvents) specially developed to be applied where high physical and chemical resistance is required. Suitable for making continuous decorated floors based on quartz systems and/or coloured chips. For use in offices, shops and in general for all interior applications where continuous floor decoration (without joints) is required, as well as high physical and chemical resistance.

TECHNICAL DATA

Appearance	Glossy.
Colour	Transparent.
Density at 20°C (Kg/L)	1.05 ± 0.05
Usage	1 Kg/m2/mm
Useful life of mixture	45 min
Touch dry	4 h
Second coat	minimum 16 h - maximum 24 h
Maximum hardness (days)	8
Mixing ratio	10:6
Maximum dilution	0 - 5 % with D-100, if necessary.
Cleaning of utensils and stains	With D-100 immediately after use.
Volatile Organic Compounds (COV).	Maximum product content 34,80 g/l

HOW TO APPLY

- Stir the product until totally smooth.
- 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.



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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Always apply at a temperature above 10°C and below 30°C.

RELATIVE HUMIDITY:

Never apply with relative humidity of less than 85%.

SURFACE HUMIDITY:

The maximum humidity must be below 4% measured at a depth of 2 cm.

AMBIENT CONDITIONS:

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

SURFACE PREPARATION

UNPAINTED SURFACES:

Concrete:

- Wait until completely set (min. 30 days).

Decompacted:

- 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.
- 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.
- 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.

POSSIBLE APPLICATION SYSTEMS

Normal application of Isalpox multicapa 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. Prior to the top coat and depending on the wall apply primer suitable for the yield specified in each case.

SEALANTS:

- Epoxy Colourless sealant 100% solids: Fixer, reinforcement of degraded surfaces suitable for smoothing high absorption surfaces or when screeding with self-levelling epoxy mortar is required. Yield: 0.25 - 0.35 kg/m² Coats: 1

FINISH ISALPOX MULTICAPA:

- Yield: 1 Kg/m²/mm
- 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.

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