



TECHNICAL DATA SHEET

9.2 SOLVENT BASED

► Alipox 100%

Food-grade epoxy paint

2466 / Version 7 / 04-05-2026



DESCRIPTION

Food-grade epoxy paint suitable for direct and indirect contact with food and liquids, certified according to the procedure indicated in standard UNE-EN 12873-2.

PROPERTIES

- Excellent adhesion to cement and concrete.
- Extremely resistant to solvents, acids and dilute bases, petrol, diesel fuel, brake fluid, lubricating oils and detergents.
- Abrasion resistance
- Low odour, contains no solvents (100% solids).
- Dust-free effect
- Good resistance to abrasion and light vehicle transit.
- Exceptional adhesion on a wide variety of metal and non-metal surfaces.

USES

Alipox 100% can be applied inside silos, tanks, and pipelines. It can also be used in direct, indirect and occasional contact on walls, ceilings, baseboards, floors, metal structures, machines and equipment, cold and freezer rooms, food warehouses, panels and food transport: surfaces always indoors.

Its use is also recommended in the food and health industry, hospitals, and clinics, as well as in industry, civil works and public and private buildings in general.

Its use has been certified for drinking water, alcoholic beverages, and fatty foods (for more precise information on the products and foods with which it may be in contact, consult its certificate).

TECHNICAL DATA

Appearance	Glossy.
Colour	Grey
Density at 20°C (Kg/L)	1.50 ± 0.05
Content in solids % volume	100
Mixing ratio	Paint: 11 kg Hardener: 5 kg
Useful life of mixture	40 min
Yield	3 - 4 m ² /Kg complete treatment
Touch dry	4 h
Second coat	minimum 16 h - maximum 24 h
Thinner	Do not dilute, ready to use.
Maximum hardness (days)	8
Volatile Organic Compounds (COV).	Maximum product content 13.2 g/l

HOW TO APPLY

- 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.
- The paint must be properly mixed up with a low-speed (300-400 rpm) mixer. Then add the hardener and continue mixing for three minutes.



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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:

Never apply with humidity exceeding 4%.

SURFACE PREPARATION

UNPAINTED SURFACES:

Decompacted:

- 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).
- 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.

Iron and Steel:

- Remove any rolling scale that might be left.
- Remove any rust or rusted material (by sandblasting or scraping and mechanical or manual brushing), until a rust-free surface remains.

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.

POSSIBLE APPLICATION SYSTEMS

Use a roller or spray gun for normal application of ALIPOX 100%.

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.

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LEGAL TEXT NOTE

This information, particularly the recommendations regarding the application and end use of the product, is given in good faith, based on Pinturas Isaval's current knowledge and experience with the products when correctly stored, handled, and applied under normal conditions within their shelf life and in accordance with Pinturas Isaval's recommendations. In practice, the potential differences in materials, substrates, and actual conditions at the application site are such that no warranty of merchantability or fitness for a particular purpose, nor any obligation, may be inferred from the information in this document or from any other written recommendation or advice given. The user must conduct their own tests to verify the product's suitability for the intended use. Pinturas Isaval reserves the right to modify the properties of its products. Third-party property rights must be respected. All orders are accepted under the terms of our current General Conditions of Sale and Supply. Users must consult and use the most recent and updated version of the local Product Data Sheets, which can be sent upon request or found on the website www.isaval.es. The data provided are indicative and not legally binding, based on laboratory tests performed at 20°C and 1 atm pressure. On-site measurements may vary due to circumstances beyond our control, such as changes in environmental pressure and temperature. The reported ranges are based on historical measurements. The product must not be used for purposes other than those specified. If further clarification on product characteristics or usage is needed, users should contact PINTURAS ISAVAL S.L. staff.