TECHNICAL DATA SHEET

4.2 SOLVENT BASED

▶ Imprex Epoxy primer 2 comp.

Anti-rust epoxy polyamide primer

1454 / Version 5 / 05-03-2025

DESCRIPTION

Multi-purpose and multi-bond epoxy-polyamide primer. Anti-corrosive.

PROPERTIES

- It protects metal against rusting.
- Good physical and chemical resistance.
- Exceptional adhesion on a wide variety of metal and non-metal surfaces.
- Multi-purpose.
- High hardness.

USES

Anti-corrosive primer for finishing with epoxy, polyurethane or synthetic systems. Anti-corrosive protection of ferrous and non-ferrous metals with very good adhesion to: steel, galvanised steel, brass.

TECHNICAL DATA

Appearance	Satin.
Colour	White. red RAL 3009, grey RAL 7038 and Green RAL 6011.
Density at 20ºC (Kg/L)	1.3 - 1.4
Content in solids % volume	50 - 52 %
Fire Resistance classification (EN13501-1)	A2-s1-d0
Yield	10 - 12 m2/l (40 - 50 microns per coat)
Touch dry	1 h
Second coat	1 h minimum 24 h maximum
Total cure at 20ºC (days)	8
Mixing ratio	5 to 1 in volume
Useful life of mixture	3 to 4 h
Brush or roller dilution	0 - 5 %
Spray gun dilution	- Airbrushing spray gun: 0-10%. Nozzle diameter: 0.017” -0.021”. Air pressure: 3-5 kg/m2. - Airless spray gun: 0-5%. Nozzle diameter: 1-2 mm. Operating pressure: 115-120 kg/m2
Thinner	D-100
Volatile Organic Compounds (COV).	Maximum product content 495,50 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.

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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not apply at temperatures below 12°C

RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

Do not paint in rainy weather or at times of peak heat.

SURFACE PREPARATION

UNPAINTED SURFACES:

Iron and Steel:

- Then carry out treatment up to Sa2 grade.
- Spraying abrasive onto almost white metal, so that at least 95% of each portion of the total surface is free from any visible residue.
- Very careful spraying The jet is maintained on the surface and for the time necessary to ensure that the rolling scale, rust and foreign matter are removed in such a way that any residue appears only as light shadows or surface stains.
- Finally, remove the abrasive dust with a vacuum cleaner, with clean, dry compressed air or with a clean brush.

Non-ferrous metals:

- On galvanized steel, aluminium, brass and light alloys, among others, light mechanical or manual sanding is recommended in order to improve adhesion.
- Paint using the normal procedure.

PRE-PAINTED SURFACES IN POOR CONDITION:

Iron and Steel:

- If the enamel-coated surface is not in ideal condition, the existing enamel layer should be removed with PAINT STRIPPER.
- Then carry out treatment up to Sa2 grade.

Non-ferrous metals:

- If the enamel-coated surface is not in ideal condition, the existing enamel layer should be removed with PAINT STRIPPER.
- On galvanized steel, aluminium, brass and light alloys, among others, light mechanical or manual sanding is recommended in order to improve adhesion.
- Paint using the normal procedure.

POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Imprex epoxy primer.

FINISH IMPREX IMPRIMACIÓN EPOXÍDICA 2 COMP.:

- Yield: 10 - 12 m2/l (40 - 50 micras secas)
- 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.

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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 5º and 35º 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. 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.

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