



TECHNICAL DATA SHEET

4.2 SOLVENT BASED

► Imprex RZ

Zinc-rich epoxy-polyamide primer

2130 / Version 6 / 05-03-2025



DESCRIPTION

Two component epoxy polyamide primer with a zinc content of 80% by weight, on dry film solids.

PROPERTIES

- Excellent anti-rust power due to the characteristics of the resins and very high zinc content.
- Very good resistance to water and solvents.
- Cathodic protection in areas exposed to mechanical damage.
- High abrasion resistance.
- Can be repainted with epoxy, polyurethane, acrylic and synthetic systems.
- Compliant with the UNE 48277:2005 standard

USES

Primer for anti-corrosion protection of steel exposed to highly corrosive environments, such as those required in ISO-12944 for C4, C-5 Industrial and C-5 Maritime environments. This primer will always be in contact with steel so that there is a galvanic couple and the zinc acts as a sacrificial anode.

TECHNICAL DATA

Appearance	Semi-metallic matt.
Colour	Grey
Thinner	D-100.
Specific weight	PRIMER: 2.85 g/cm ² , CATALYSER: 0.98 g/cm ² .
Content in solids % volume	75 %
Mixing ratio	10:1 by weight 4:1 by volume
Useful life of mixture	> 9 h It reduces to a higher temperature
Zinc content %by weight, on dry film solids.	80.6
Recommended thickness	40 - 60 microns approximately
Yield	12 m ² /l (50 microns per coat)
Second coat	12 - 24 h maximum
Touch dry	1 h
% maximum dilution	0 - 5
Total cure at 20°C (days)	5 - 6
Volatile Organic Compounds (COV).	Maximum product content 373,40 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.
- The mixture has no induction time (there is no need to wait before applying it).
- If possible, sandblast at Sa21/2 grade before applying.

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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not apply at temperatures below 10°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:

Concrete:

- Wait until completely set (min. 30 days).
- Remove efflorescences, product residues and foreign substances (grease, dust, oils and/or derivatives, etc.).
- If the paint is old or badly adhered with defects such as chalking, blistering, peeling, cracking, etc., it must be completely removed and then apply a coat of transparent acrylic fixer. (see possible application systems)
- See compatibility with the previous paint.

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.

POSSIBLE APPLICATION SYSTEMS

Use a brush for small areas or an airless spray gun for normal application of Imprex HS epoxy.

FINISH IMPREX RZ:

- Yield: 12 m²/l para un espesor seco de 50 micras por capa..
- 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.

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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.