



## TECHNICAL DATA SHEET

### 4.2 SOLVENT BASED

#### ► Imprex MIO

Micaceous oxide epoxy primer

2354 / Version 7 / 05-03-2025



## DESCRIPTION

Two-component polyamide epoxy primer pigmented with micaceous iron oxide (MIO), high solids and thickness. IMPREX MIO can be used as a primer or as an intermediate layer.

## PROPERTIES

- Anti-rust product
- 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. Suitable for structural steel and pipes exposed to corrosive environments and is recommended for power plants, airports, buildings, refineries and mining equipment.

## TECHNICAL DATA

Appearance	Matt.
Colour	Grey - black.
Thinner	D-100
Content in solids % volume	62
Specific weight	IMPRIMACIÓN: 1.60 g/cm <sup>2</sup> CATALIZADOR: 1.60 g/cm <sup>2</sup>
Mixing ratio	9:1 in weight 9:1 in volume
Useful life of mixture	2 h, it reduces at a higher temperature
Yield	10 - 11 m <sup>2</sup> /l (60 microns per coat)
Recommended dry thickness (microns)	60 - 200
Drying at 20°C (min)	60
Total cure at 20°C (days)	5 - 6
Second coat	12 - 24 h
% maximum dilution	0 - 5
Volatile Organic Compounds (COV).	Maximum product content 456,20 g/l

## HOW TO APPLY

- Stir the product until totally smooth.
- The mixture has no induction time (there is no need to wait before applying it).
- If possible, sandblast at Sa21/2 grade before applying.
- The surface must be intact, clean, consistent and free from dust, grease, oil, micro-organisms and any other material that could affect the products correct adhesion to the surface.

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## SURFACE AND AMBIENT CONDITIONS

### AMBIENT TEMPERATURE:

Do not apply at ambient temperature or with that of the substrate at less than 10° C, as a minimum, 5°C above dew point.

### RELATIVE HUMIDITY:

Never apply with relative humidity exceeding 80%.

## SURFACE PREPARATION

### PRE-PAINTED SURFACES IN POOR CONDITION:

Pre-painted surface in poor condition:

- If the surface is enamel coated, the existing enamel layer should be removed with our PAINT STRIPPER. Paint as if it were a new unpainted surface.
- Removal of product residues and foreign substances.

## POSSIBLE APPLICATION SYSTEMS

Use an airless spray gun or a brush in small areas for normal application of Imprex MIO. Prior to the top coat and depending on the wall apply primer suitable for the yield specified in each case.

### FINISH IMPREX MIO:

- Yield: 10 - 11 m<sup>2</sup>/l (60 micras secas)
- Coats: 1-2

## 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.

## 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](http://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.