TECHNICAL DATA SHEET

3.3 ISALNOX ANTI-RUST

▶ Isalnox acqua multi-adhesive primer

Anti-rust multi-purpose primer

1993 / Version 5 / 04-05-2026

DESCRIPTION

Mono-component multi-purpose primer with outstanding adherence on a wide range of surfaces. Anti-rust. Water based.

PROPERTIES

- It protects metal against rusting.
- Good adhesion on difficult surfaces.
- Easy to brush and level.
- It can be finished with both one- and two-component aqueous or solvent-based products, allowing the time necessary indicated on this datasheet.
- It avoids the black stains produced by tannins on wood.
- On plasterboard, it blocks stains due to the tannins present in the paper, which emerge on the surface once exposed to the sun or other elements.

USES

For the protection of rust-free metallic surfaces such as: steel, galvanised steel and aluminium. It is also highly recommendable for sealing non-metallic surfaces such as : wood, gypsum and PVC.

TECHNICAL DATA

Appearance	Matt.
Colour	White and ISALNOX colour chart.
Thinner	Water.
Density at 20ºC (Kg/L)	1.3 ± 0.05
Content in solids % volume	38 - 42
Yield	8 - 10 m²/l (40 - 50 microns per coat)
Drying at 20ºC (min)	30 - 60
Second coat	Water-based enamel: 4 h Solvent-based enamel: 24 h Two-component products: 48 h
% brush or roller dilution	0 - 5
% spray gun dilution	0 - 10
Cleaning of utensils and stains	With water before drying.
Volatile Organic Compounds (COV).	Maximum product content 32,00 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.
- Check the compatibility with the previous paint
- - Finish with water-based enable: wait for at least 4 hours after applying the last coat of Isalnox_Water-Based Multi-Adhesive Primer.
  - Finish with synthetic enamel: wait for at least 24 hours after applying the last coat of Isalnox_Water-Based Multi-Adhesive Primer.
  - Finish with bi-component products: wait for at least 48 hours after applying the last coat of Isalnox_Water-Based Multi-Adhesive Primer (For an average thickness of 40 - 50 microns of Isalnox_Water-Based Multi-Adhesive Primer, at a temperature of 20ºC and relative humidity of 65%)

C/ Velluters, Parcela 2-14 · Pol. Ind. Casanova · 46394, Ribarroja del Turia · Valencia - España
+34 96 164 00 01 +34 96 164 00 02 isaval@isaval.es

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SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not apply at temperatures below 5°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:

- Removal of product residues and foreign substances. Must be properly sanded and, after removing all dirt, apply a suitable base coat according to the table of possible painting systems and sand gently. Then apply two coats of finish, sanding gently between layers.
- Paint using the normal procedure.

Iron and Steel:

- Remove any existing mill scale. Get rid of any remains of rust or already rusted material (sand blasting or by scraping and mechanical or manual brushing, see possibility of application of our rust converter if necessary), until the surface is free of rust. Apply 1 or 2 coats of anti-rust primer according to instructions given in the possible application systems.
- Paint using the normal procedure.

Wood:

- Removal of product residues and foreign substances. Must be properly sanded and, after removing all dirt, apply a suitable base coat according to the table of possible painting systems and sand gently. Then apply two coats of finish, sanding gently between layers.
- Paint using the normal procedure.

Non-ferrous metals:

- Removal of product residues and foreign substances.
- Good adhesion on non-ferrous metals, although in the case of aluminium, it is recommended to carry out a previous adhesion test.

PRE-PAINTED SURFACES IN GOOD CONDITION:

Wood:

- 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.
- Must be properly sanded and then all dirt is removed. It is advisable to apply 1-2 coats of wood filler to regulate surface absorption.
- Paint using the normal procedure.

PRE-PAINTED SURFACES IN POOR CONDITION:

Plaster/Cast plaster:

- Removal of product residues and foreign substances.
- Paint using the normal procedure.

Concrete:

- Removal of product residues and foreign substances.
- Paint using the normal procedure.

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POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Water-Based Multi-Adhesive Primer. At least two top coats are recommended.

FINISH ISALNOX IMPRIMACIÓN MULTIADHERENTE ACQUA:

- Yield: 8 - 10 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.

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: 12 months from manufacture in fully sealed original container, indoors and at temperatures between 5º and 35º C.

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.

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