



TECHNICAL DATA SHEET

4.2 SOLVENT BASED

► Shop Primer

Vinyl phosphating primer

2508 / Version 2 / 05-03-2025



DESCRIPTION

Modified vinyl primer with phosphating and passive single-component effect for industrial use, for temporary maintenance of structures.

PROPERTIES

- Good wetting of the surface.
- Exceptional adhesion on a wide variety of metal and non-metal surfaces.
- Quick drying and repainting.
- Passivating and anti-rust effect.
- Allows welding and flame cutting

USES

Indicated for application on ferrous and non-ferrous metal surfaces where there are adhesion problems. As a pretreatment for sandblasted steel.

TECHNICAL DATA

Appearance	Semi-Matt.
Colour	White, red and grey.
Thinner	D-10, D-90
Viscosity (Copa Ford No. 4). Seconds.	50 - 60
Density at 20°C (Kg/L)	1.3 ± 0.05
Content in solids % volume	20
Yield	15 - 20 m ² /l (10 - 15 microns)
Drying at 20°C (min)	10
Second coat (hours)	3 - 4
% maximum dilution	0 - 15

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.
- If the surface is already painted, ensure the previous paint is in good condition and well-adhered.

SURFACE AND AMBIENT CONDITIONS

AMBIENT TEMPERATURE:

Do not paint at a temperature of below 5°C .

SURFACE TEMPERATURE:

Never apply below this with relative humidity exceeding 80%.

AMBIENT CONDITIONS:

The paint should not be applied under conditions of excessive sunlight, strong winds, or if rain is forecast.

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SURFACE PREPARATION

UNPAINTED SURFACES:

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.
- Paint using the normal procedure.

Non-ferrous metals:

- If the surface is in poor condition or flaking, poorly adhered residues must be removed using chemical or mechanical stripping
- 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.
- 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.
- Paint using the normal procedure.

Non-ferrous metals:

- If the surface is in poor condition or flaking, poorly adhered residues must be removed using chemical or mechanical stripping
- Paint using the normal procedure.

POSSIBLE APPLICATION SYSTEMS

Use a brush, roller or spray gun for normal application of Shop Primer. At least two coats are recommended.

FINISH SHOP PRIMER:

- Yield: 15 - 20 m²/l (10 - 15 micras secas)
- Coats: 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.

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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.