

IMPAZINC

1841.

Enamel with direct adhesion to galvanised steel plate,
light alloys, ABS, PVC

25/02/20 rev.07



Description and use

IMPAZINC is a product based on polyester modified alkyd resins, featuring a pleasant aesthetic appearance as well as excellent adhesion to zinc plated steel, light alloys, ABS and PVC. It is suitable for painting outdoor metal sheets, drainpipes, railings. The product can be coloured using ADVANCE HT tinting system.

Technical data

Colour	: see catalogue
Dry film appearance	: semigloss - 30 ÷ 40 <i>gloss</i> (Gardner 60°)
Viscosity	: 2500 ÷ 3500 <i>mPa.s</i> Brookfield
Practical cover rate*	: 5 ÷ 6 <i>m²/kg</i> per two coats.
Storage life	: 12 months in original sealed container.

*The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.

NB: Data recorded @ 20°C (68°F).

Application note

Substrate preparation	: <u>IRON SURFACES</u> : the surface to paint must be dry, degreased, and free from dust or rust. Sand-blasting is recommended, even if not necessary. <u>GALVANIZED STEEL</u> : clean carefully from extraneous waste, oiliness and surface oxidation. Degrease thoroughly with pickle solvent solutions. <u>ALUMINIUM AND LIGHT ALLOYS</u> : chromatising or phosphochromatising treatment; otherwise, mechanical cleaning by sanding, followed by solvent degreasing. <u>PVC/ABS</u> : hand cleaning.
Product preparation	: Mix well to even colour and consistency.
Application method	: - air mix spray gun with nozzle \varnothing 1.4 ÷ 1.6 <i>mm</i> and pressure of 2.5 ÷ 3.5 <i>bar</i> .
Reduction	: 25% with DILUENTE NITRO ANTINEBBIA (cellulose thinner) code 1616.
Recommended thickness	: 50 ÷ 60 μ m dry film, waiting 10 ÷ 15 minutes between coats.
Air drying (20°C - 65% RH)	: Dust free : 30 <i>minutes</i> Touch dry : 2 <i>hours</i> Through drying : 36 ÷ 48 <i>hours</i>

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Recoatable : With one-pack products, between 2 and 4 hours or after 10 ÷ 15 days and IMPAZINC film sanding.

Base adhesion : 100% (cross hatch test carried out after 7 days @ 20°C)

NOTE:

In order to obtain a perfect adhesion, it is necessary to remove all residual oiliness and white corrosion from zinc-plated surfaces and aluminium, accurately.

Before painting, it is recommended to control the cleaning degree by testing treatment surfaces, in order to measure their “moistening level with water”. In case of incomplete wettability, it will be indispensable to keep on degreasing.

Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.

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This note replaces all the previous ones. Please, make sure to have the latest issue. The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control.

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