

## 1841 IMPAZINC

ENAMEL WITH DIRECT ADHESION TO GALVANISED STEEL PLATE, LIGHT ALLOYS, ABS, PVC



### 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.

It can be coloured using the ADVANCE HT tinting system.

### Substrate preparation

#### IRON SURFACES:

- Surface to be coated must be dry, degreased and free of dust, iron scale and rust.
- Sand-blasting is recommended, even if not necessary.

#### GALVANIZED STEEL:

- Clean carefully from extraneous waste, oiliness and surface oxidation.
- Degrease thoroughly with pickle solvent solutions.

#### ALUMINIUM AND LIGHT ALLOYS:

- Chromatising or phosphochromatising treatment; otherwise, mechanical cleaning by sanding, followed by solvent degreasing.

#### PVC/ABS:

- Hand cleaning.

### Application

#### Application method:

- Air mix spray gun with nozzle  $\varnothing$  1.4 ÷ 1.6 mm and pressure of 2.5 ÷ 3.5 bar.

#### Product preparation:

Stir thoroughly the product to achieve even colour and consistency.

Dilute with DILUENTE PER NITRO ANTINEBBIA code 1616 at 25%.

#### Recommended thicknesses:

50-60  $\mu$ m dry film, waiting 10-15 minutes between coats.

#### Recoating:

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

## Storage life

If stored in a cool, dry place, away from sources of heat and sheltered from sunlight, in its sealed original packaging, the product has a shelf life of 12 months. Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

## Technical features

Colour	see price list
Appearance of the dry film	satin
Viscosity **	2500-3500 mPa.s Brookfield rpm 20 s 4
Practical cover rate *	5-6 m <sup>2</sup> /kg per two coats
Air drying	30 minutes, dust-free
Data measured with white tint, with dark tints times may be longer	2 hours, dry to touch 36-48 hours, through drying
Adhesion to the substrate	100% (cross hatch test carried out after 7 days at 20°C)
AFNOR NF T 36-005 classification	Family I - Category 4a
* The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.	
** May change according to the colour.	
The data are measured at a temperature of 20°C and 65% R.H.	

## Warnings

- **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.**
- For industrial use only.
- Exclusively for use not restricted from Directive 2004/42/EC.
- Always read the safety datasheet before use.
- Dispose of contents / container in accordance with national regulations.
- It is recommended to acquire all the material required to finish the work of the same batch.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the raw materials available on the market and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.

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. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at [assistenza.technica@impa.it](mailto:assistenza.technica@impa.it).