

## FONDO EP 0 Two-component epoxy primer

# 1899.

27/04/21 rev.04



### Description and use

Two-component epoxy-polyamide primer. Universal type anti-corrosion product, re-coatable with most of the surface coatings.

To be applied on iron, galvanised steel plate, aluminium, stainless steel, light alloys.

The product can be coloured using ADVANCE HT tinting system.

### Technical data

Colour	: See catalogue
Type of product	: 2K with INDURITORE PER EPOX code 1871
Pot-life	: 3 hours
Dry film appearance	: Matt
Viscosity*	: Part "A": 10000 ÷ 15000 mPa.s Brookfield rpm 20 s 5 (Internal method: IP VI BK)
Practical cover rate**	: 3 ÷ 4 m <sup>2</sup> /kg per two coats.
Storage life	: 24 months in original sealed container.

\*May change according to the colour.

\*\*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	: In case of applications over existing paints make an adhesion test. <u>IRON SURFACES:</u> sand-blasting SA2.5 grade or careful mechanical cleaning followed by solvent degreasing. <u>GALVANIZED STEEL AND STAINLESS STEEL:</u> remove iron scale and foreign matters. Degrease carefully with organic solvents. <u>ALUMINIUM AND LIGHT ALLOYS:</u> chromatising or phosphochromatising treatment; alternatively, mechanical cleaning by sanding, followed by solvent degreasing.
Product preparation	: Stir thoroughly the Part "A" to achieve even colour and consistency. Then mix with the Part "B" in the following ratio:

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	<b>BY WEIGHT</b>
<b>PRODUCT</b> 1899 FONDO EP 0	100
<b>HARDENER</b> 1871 INDURITORE PER EPOX	20
<b>THINNER</b> 1612 DILUENTE EPOX (epoxy thinner)	15 ÷ 20 for air mix spray gun 10 for roller and brush

Application method : - air mix spray gun with nozzle  $\varnothing$  1.5 ÷ 1.7 mm and pressure of 3 ÷ 4 bar.  
- airless spraying  
- roller  
- brush

Recommended thickness : 80 ÷ 120  $\mu$ m dry film

<b>DRYING TIME</b>	<b>Dust free</b>	<b>Touch dry</b>	<b>Through drying</b>
Air drying @ 20°C (68°F) - 65% RH	50 ÷ 60 minutes	4 ÷ 5 hours	24 ÷ 36 hours
Oven @ 80÷100°C (176÷212°F)			30 minutes

Maximum chemical resistance : after 7 days

Recoating : between 24 and 48 hours from application.  
After complete film hardening, surface must be slightly rough by sanding.

### NOTE:

As all this kind of products, high humidity and low temperatures during the paint application can damage the features and the drying of the film.

**Do not apply when the temperature is below + 8°C (47°F) and the relative humidity exceeds 80%.**

### Warnings

#### 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 regulation.

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.

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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