

1930 POLIURETANICO EXTRA LUCIDO PR

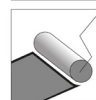
TWO-PACK GLOSSY POLYURETHANE TOP COAT FOR
ROLLER AND BRUSH APPLICATION



Two-component



Brush



Roller

Description and Use

Gloss polyurethane finishing coat based on polyester resin and isocyanate adduct. Formulated with anti-corrosive fillers to obtain maximum performance in painting and an excellent aesthetic effect of metal and cement products with roller and brush applications.

It can be catalysed with INDURITORE PER ACRILICI/PU ININGIALLENTE cod. 1873 exclusively in the industrial sector for painting cycles of metal carpentry or exclusively for use not restricted from Directive 2004/42/EC.

It can be coloured using the ADVANCE HT tinting system.

Substrate preparation

IRON SURFACES:

- Remove any trace of rust, iron scale, grease and moisture by sand-blasting SA2.5 grade; otherwise, carry out a careful mechanical cleaning followed by solvent degreasing.
- Apply FONDO EPOX code 1806, 1899, 1913.

GALVANIZED STEEL:

- Remove iron scale and foreign matters, degrease carefully with organic solvents.
- Apply FONDO EPOX code 1806, 1899, 1913.

ALUMINIUM AND LIGHT ALLOYS:

- Chromatising or phosphochromatising treatment; otherwise, slight matting with sandpaper followed by organic solvent degreasing.
- Apply FONDO EPOX code 1806, 1899, 1913.

Application

Application method:

- roller
- brush
- Air spray gun (conventional)

EU limit value of VOC content (Directive 2004/42/EC) Category A/j, SB: VOC max 500g/l;

Product preparation:

Add the hardener in the ratio indicated below Stir thoroughly the product to achieve even colour and consistency.

	By weight
PRODUCT 1930 POLIURETANICO EXTRA LUCIDO PR	100
HARDENER 4930 INDURITORE PER ACRILICI/PU ININGIALLENTE PR	25
THINNER 1653 DILUENTE PER ACRILICI or 1611 DILUENTE EXTRA PU	0-20

Application method:

- Air spray gun (conventional)

Exclusively for use not restricted from Directive 2004/42/EC.

Product preparation:

Add the hardener in the ratio indicated below Stir thoroughly the product to achieve even colour and consistency.

	By weight
PRODUCT 1930 POLIURETANICO EXTRA LUCIDO PR	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE	50
THINNER 1653 DILUENTE PER ACRILICI or 1611 DILUENTE EXTRA PU	0-10

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 in months specified in the table of products with expiry date. Check the product's shelf life by referring to the production batch number shown on the packaging. The batch number is made 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.

Table of products with expiry date		
Product name	Code	Expiry date in months
POLIURETANICO EXTRA LUCIDO PR	1930	24
INDURITORE PER ACRILICI/PU ININGIALLENTE PR	4930	24

Technical features

Colour	see price list
Appearance of the dry film	glossy
Type of product	two component
Pot-life	2.5 hours. At higher temperatures pot-life decreases.
Dry residue by volume (white color)	48.6%
Application viscosity**	45 - 60 sec. cup FORD 4
Number of coats recommended	2 waiting for complete drying between the 1st and 2nd coat
Recommended wet thickness	75 µm per coat
Recommended final dry thickness	60 µm
Theoretical cover rate *	8 m ² /kg
Air drying (20°C and 65% R.H.)	30-40 minuti, dust free
	4-5 hours, dry to touch
	10 hours, through drying
Maximum chemical resistance	after 7 days
* The cover rate is calculated on the suggested dry thickness and applied on plane and regular surfaces.	
** May change according to the colour.	
The data are measured at a temperature of 20°C.	

Warnings

- For professional use only.
- Always read the safety datasheet before use.
- During application, it is recommended to follow the thicknesses specified for each single coat. Otherwise, and especially in case of high environment temperature, blisters may come up on the film surface.
- Do not apply at temperatures below +10°C.
- Do not apply the product after the specified pot life, as the film that forms may have poor adhesion to the substrate.
- Solvents or thinners used for cleaning tools, as well as any product residues, must not be released into the environment or poured down domestic drains. The recipient/product/thinner or cleaning solvent must be disposed of 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.