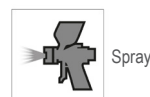
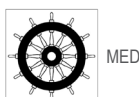


1954 ACRIL-PU OPACO

TWO-COMPONENT MATT ACRYLIC TOP-COAT



Description and Use

Matt finish made of acrylic-polyurethane resin and isocyanate adduct. Its formulation is such that it allows you to obtain finishes with an extremely smooth effect.

The product can be used in industrial cycles, machine tools and in general where good aesthetic performance is required. The addition of ADDITIVO AGGRAPPANTE PER VETRO cod. 1901 allows the application of the product on glass supports. It can be coloured using the ADVANCE HT tinting system.

This product is part of a paint system in compliance with the fire protection requirements of marine Equipment Directive MED 2014/90/EU including the requirements and testing standards of Regulation (EU) 2024/1975.

Substrate preparation

IRON SURFACES:

- Remove any trace of rust, iron scale, grease and moisture by sand-blasting Sa2^{1/2} grade; otherwise, carry out a careful mechanical cleaning followed by solvent degreasing.
- Apply FONDO R.E. code 1827 or 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.

GLASS:

- The substrate must be perfectly cleaned using suitable products, the surface must be dry and free of chemical residues.

Application

Application method:

- Air spray gun (conventional) with nozzle Ø 1.4-1.6 mm and pressure of 1.5-2.0 bar.

Product preparation:

Stir thoroughly the product to achieve even colour and consistency. Then add in the following ratio:

	By weight
PRODUCT 1954 ACRIL-PU OPACO	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE or 1882 INDURITORE PER ACRILICI/PU ININGIALLENTE RAPIDO	25
THINNER 1653 DILUENTE PER ACRILICI or 1611 DILUENTE EXTRA PU or 1624 DILUENTE LENTO UNIVERSALE IND	15-23

Preparation of the product for applications on glass	By weight
PRODUCT 1954 ACRIL-PU OPACO	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE or 1882 INDURITORE PER ACRILICI/PU ININGIALLENTE RAPIDO	25
ADDITIVE 1901 ADDITIVO AGGRAPPANTE PER VETRO	10
THINNER 1653 DILUENTE PER ACRILICI or 1611 DILUENTE EXTRA PU or 1624 DILUENTE LENTO UNIVERSALE IND	0-5

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 18 months. 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.

Technical features

Colour	see price list	
Appearance of the dry film	matt	
Gloss	20 gloss (Gardner 60°)	
Type of product	two component	
Pot-life	1.5 hours. At higher temperatures pot-life decreases.	
Number of coats recommended	2 waiting 5-10 minutes between 1st and 2nd coat	
Recommended wet thickness	80 µm per coat	
Recommended final dry thickness	60 - 80 µm	
Theoretical cover rate *	5,5 m²/kg with a final dry thickness of 80 µm	
Theoretical consumption ***	Air spray gun (conventional)	170 g/m²
Air drying (20°C and 65% R.H.)	15-20 minutes, dust free	
	2-3 hours, dry to touch	
	24 hours, through drying	
Maximum chemical resistance	after 7 days	
* The cover rate has been determined according to a dry thickness of 80 µm and applying upon a plain and regular surface, without considering lots variable in real conditions.		
** May change according to the colour.		
***The theoretical consumption calculated to achieve the recommended dry thickness of 80 µm.		
The data are measured at a temperature of 20°C.		

Warnings

- **The product contains synthetic polymer microparticles (SPM).**
- **INSTRUCTIONS TO PREVENT THE RELEASE OF SYNTHETIC POLYMER MICROPARTICLES INTO THE ENVIRONMENT**
- **In accordance with Regulation (EU) 2023/2055, please follow the procedures below to prevent environmental release.**
- During use and application, avoid accidental release of the product onto soil, into drains, or household wastewater. Apply the product only to the surfaces to be treated.
- Any remaining product should be stored by tightly sealing the original container. Dispose of the product/container in accordance with national regulations.
- If you wish to reuse the tools used for application, follow these steps to clean them in an environmentally responsible manner.
- The water, 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.
- Remove as much product as possible from the tools used.
- Soak the tools in hot water or in solvent for at least a couple of hours, then remove them from the container.
- Allow the water in the bucket to evaporate and let the tools dry. For solvent-based products, close the container. Do not release the product into the environment and do not pour it into drains.
- Deliver the container with any remaining product / wash water / solvent / cleaning thinner to an authorised waste collection centre, in accordance with national regulations.
- For industrial use only.
- Exclusively for use not restricted from Directive 2004/42/EC.
- Always refer to the safety data sheet for the relevant products.
- Apply only the suggested thickness. 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.
- 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.