

1736 FONDO FINITURA ACRILICO OPACO DTM

TWO-PACK ANTICORROSION PRIMER-FINISH,
ADHESION TO IRON, GALVANISED STEEL PLATE AND
ALUMINIUM



Two-component



See warnings



Spray

Description and Use

Matt base-finish based on acrylic resin and isocyanic adduct.

It is suitable for products in general, iron, galvanized steel, aluminum, PVC, fiberglass, when a good anticorrosive power is to be obtained with a high aesthetic appearance finish and when excellent resistance to the exterior is required.

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.

GALVANIZED STEEL:

- Remove iron scale and foreign matters, degrease carefully with organic solvents.

ALUMINIUM:

- Chromatising or phosphochromatising treatment; otherwise, slight matting with sandpaper followed by organic solvent degreasing.

PVC:

- Clean and degrease with DILUENTE ANTISILICONE cod. 1618, then pass a rag soaked with DILUENTE EXTRA PU cod 1611, wait until the surface becomes opaque and then apply FONDO FINITURA ACRILICO OPACO DTM.

FIBERGLASS:

- Slight matting with sandpaper, then clean and degrease with DILUENTE ANTISILICONE cod. 1618, wait for the surface to dry and then apply the FONDO FINITURA ACRILICO OPACO DTM.

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 2.0-3.0 bar.
- airmix: dilute to 7.5 %, nozzle Ø 0.009", exit pressure of the product 130 – 140 bar, auxiliary air pressure 3.5 –4.0 bar

Product preparation:

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

	By weight
PRODUCT 1736 FONDO FINITURA ACRILICO OPACO DTM	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE or 1882 INDURITORE PER ACRILICI/PU ININGIALLENTE RAPIDO	15
THINNER 1653 DILUENTE PER ACRILICI or 1611 DILUENTE EXTRA PU or 1624 DILUENTE LENTO UNIVERSALE IND	10-15

Preparation of the product for applications on glass	By weight
PRODUCT 1736 FONDO FINITURA ACRILICO OPACO DTM	100
HARDENER 1873 INDURITORE PER ACRILICI/PU ININGIALLENTE or 1882 INDURITORE PER ACRILICI/PU ININGIALLENTE RAPIDO	15
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

Recommended thicknesses:

Apply the product in two coats with an interval of 10 minutes between the two coats.

- On ALUMINUM, GALVANIZED SHEET, FIBERGLASS AND PVC apply a wet thickness of about 120 – 150 µm to have a dry thickness of about 50 – 60 µm.
- On IRON SURFACES apply a wet thickness of about 200 µm to have a dry thickness of about 100 – 120 µm.

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 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 the current legislation.

Technical features

Colour	see price list
Type of product	two component
Pot-life	90 minutes. At higher temperatures pot-life decreases.
Specific weight *	1.32-1.39 kg/l
Gloss	20-30 gloss (Gardner 60°)
Viscosity *	3000-5000 mPa.s Brookfield rpm 20 s 4
Practical cover rate * (referred to a dry thickness of about 50 µm)	6-7 m ² /kg (2 strati)
Air drying (20°C and 65% R.H.)	10 minutes, dust-free
	2-3 hours, dry to touch
	24 hours, through drying
Oven drying (60°C)	5-10 minutes, flash off
	60 minutes, through drying
AFNOR NF T 36-005 classification	Family I - Category 7b1
* May change according to the colour.	
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.
- 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.tecnica@impa.it.