

1927 FONDO ACRILICO WoW

TWO-COMPONENT, ANTI-CORROSION ACRILIC PRIMER



Description and Use

Two-component acrylic primer containing zinc phosphates, with a good filling effect. Suitable for iron, galvanised sheet metal and plastic substrates, such as: ABS, PVC, PC. Can be coated cover with all the most common types of finish, both two-component and one-component. Can be used in wet-on-wet cycles.

Substrate preparation

IRON SURFACES:

Take off 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:

- Light scouring with Scotch Brite, carefully clean off any foreign waste and oxidation, degrease thoroughly with organic solvents. Given the wide variety of zinc coatings available on the market, it is recommended to carry out preliminary tests to determine whether adhesion is sufficient.

PLASTICS:

- PVC, PLEXIGLASS, POLICARBONATO, ABS.
- Degrease using silicone remover.

Application

Application method:

- air mix spry gun with nozzle Ø 1.4-1.6 mm and pressure of 3-4 bar.

Product preparation:

Thoroughly mix the product until completely uniform. Then add in the following ratio:

| | BY WEIGHT | BY VOLUME |
|---|-----------|-----------|
| PRODUCT 1927 FONDO ACRILICO | 100 | 5 |
| HARDENER 1873/1874 INDURITORE PER ACRILICI/PU | 15 | 1 |
| THINNER 1611 DILUENTE EXTRA PU or 1653 DILUENTE PER ACRILICI | 5-15% | |

For applications as a high thickness sandable insulating undercoat, a maximum dilution of 5% is recommended.

Recommended thicknesses:

60-80 µm dry film, waiting for 5-10 minutes between the two coats.

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 24 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

| | |
|--|--|
| Color | gray RAL 7035 |
| Pot-life | 90 minutes At higher temperatures pot-life decreases. |
| Practical cover rate * | 5-6 m ² /kg per two coats |
| Air drying | 10 minutes, dust-free |
| | 2-3 hours, dry to touch |
| | 24 hours, through drying |
| Specific weight | 1.40-1.50 kg/l |
| Viscosity | 2500-5000 mPas Brookfield rpm 20 s 4 |
| Repaintability | From min 6 hours to max 5 days. After complete hardening, it is necessary to roughen the surface by sanding/scouring. |
| * The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces. | |
| The data are measured at a temperature of 20°C and 65% R.H. | |

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 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 can lead to slight deviations in the declared values. 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.