

1827 FONDO R.E.

ZINC PHOSPHATE ANTICORROSION NITRO-COATABLE PRIMER



Description and Use

Anticorrosion primer based on oleo-phenol resins and zinc phosphate, to be applied on iron surfaces, over-coatable with any kind of paint.

Suitable for paint cycles requiring excellent adhesion and lasting resistance in outdoors exposure.

Product for industrial use, metal structural work, agricultural machinery, machine-tools.

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.
- Then apply FONDO R.E. cod. 1827.

Application

Application method:

- air mix spray gun with nozzle Ø 1.4-1.7 mm and pressure of 3-4 bar.
- airless

Product preparation:

Stir thoroughly the product to achieve even colour and consistency.

Dilute with DILUENTE NITRO ANTINEBBIA (cellulose thinner) code 1616 at 10-15%.

Recommended thicknesses:

70-80 µm dry film, waiting for 5 ÷ 10 minutes between the two coats.

Recoating:

After 4 hours.

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 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

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|--|---------------------------------------|
| Colour | see price list |
| Appearance of the dry film | matt |
| Specific weight ** | 1.28-1.49 kg/l |
| Viscosity ** | 2000-4000 mPa.s Brookfield rpm 20 s 7 |
| Practical cover rate * | 4.0-4.5 m ² /kg (2 layers) |
| Air drying | 20 minutes, dust free |
| | 1-2 hours, dry to touch |
| | 24 hours, through drying |
| * The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces. | |
| ** May change according to the colour. | |
| 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 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.