

1025 ZINCANTE EPOX 1K

EPOXY ZINC-BASED PRIMER



Industry



Nautical use



Spray



Brush



Roller

Advantages

→ Excellent corrosion resistance

Description and Use

One-component epoxy primer, offering excellent corrosion resistance. Suitable for a range of paint systems such as epoxy, polyurethane, chlorinated rubber, vinyl, etc.

It is suggested as a first coat for metallic chimneys, parts of ovens, chemical plants and in all cases where a two-component system is difficult to apply; welded surfaces can be directly painted, without sandblasting.

Product also suitable for nautical use.

Substrate preparation

Remove all traces of rust, calamine, grease and moisture by sandblasting or thorough mechanical cleaning (grinding, brushing, tapping) followed, where necessary, by cleaning and/or degreasing with solvents. The substrate must be painted immediately to avoid the formation of rust.

Application

Application method:

- air mix spray gun with nozzle Ø 1.4-1.7 mm and pressure of 2.5-3 bar. (pay special attention to sedimentation of the ready-to-use product)
- brush - roller (on small surfaces only)

Product preparation:

Mix thoroughly the contents of the can, with a stirrer if possible.

If applied by spray, dilute with 1612 DILUENTE PER EPOX at 20%.

If applied by brush or spray, dilute with 1612 DILUENTE PER EPOX at 15%.

Recoating:

After 24 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 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 the current legislation.

Technical features

Colour	zinc grey
Binder	epoxy resins
Appearance of the dry film	matt
Total non-volatile by weight	85% (± 1)
Specific weight	2.7 kg/l (± 0.05)
Viscosity	thixotropic
Recommended thicknesses	60 μ m dry film
Practical cover rate *	2-3 m ² /kg
Air drying (20°C - 65% RH)	5 minutes, dust free
	15 minutes, touch dry
	30 minutes, through drying
* 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.	

Warnings

- 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.
- 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.
- Application of the product by roller or brush on large surfaces can give uneven aesthetic results.
- Given the high content of solid substances, it is recommended to mix the product repeatedly, in order to avoid sedimentation.
- 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.tecnica@impa.it.