

1914 INTERMEDIO EPOX 2K ST

TWO-COMPONENT EPOXY INTERMEDIATE



Industry



Two-component



Spray



Airless

Description and Use

Two-component, high solid epoxy paint, specially developed for thick application in anticorrosive cycles. It can be recoated with most paints.

It's recommended as an intermediate over ZINCANTE EPOX 2K code 1200 and FONDO EPOX 2K HS code 1913.

Substrate preparation

IRON SURFACES:

Sand-blasting SA2.5 grade or careful mechanical cleaning followed by solvent degreasing.

Application of ZINCANTE EPOX 2K cod.1200 or FONDO EPOX 2K HS cod.1913.

It can be recoated with any type of finish starting from 12 hours after application; the maximum recoating interval depends on the local environmental conditions.

Optimal adhesion is obtained by applying the finish before the product is completely cross-linked.

Application

Application method:

- air mix spray gun with nozzle Ø 1.8-2.0 mm and pressure of 3-5 bar
- airless: dilute to 0-5%, nozzle Ø 0.011", pressure of 150-180 bar

Product preparation:

Stir thoroughly the Part "A" to achieve even colour and consistency. Due to the high content of solid substances, it is recommended to use a paddle mixer to ensure the product is uniform.

Then mix with component B INDURITORE PER INTERMEDIO EPOX 2K ST code 1915 in the ratio 100:15 by weight or 5:1 by volume.

Dilute with 1612 DILUENTE PER EPOX max 5% for traditional spray and mix carefully.

Recoating:

after 12 hours from application.

After complete film hardening, surface must be slightly rough by sanding.

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 in months specified in the table of products with expiry date. 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.

Table of products with expiry date		
Product name	Code	Expiry date in months
INTERMEDIO EPOX 2K ST	1914	36
INDURITORE PER INTERMEDIO EPOX 2K ST	1915	12

Technical features

Colour	grey
Type of product	two component
Pot-life	4 hours
Appearance of the dry film	matt
Specific weight	1.31-1.35 kg/l
Viscosity	10000-20000 mPa.s Brookfield rpm 20 s 6
Recommended thicknesses	150-200 µm secchi (2 strati)
Practical cover rate *	2.0-3.0 m²/l (2 layers)
Air drying	50-60 minuti, dust free
	5-6 hours, touch dry
	24-36 hours, through drying
Maximum chemical resistance	after 7 days
* 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

- Do not apply when the temperature is below + 8°C (47°F) and the relative humidity exceeds 80%.
- Like all this kind of products, high humidity and low temperatures during application can damage the features and drying of the film.
- For industrial use only.
- Exclusively for use not restricted from Directive 2004/42/EC.
- Always read the safety datasheet before use.
- 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.
- 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.