

## BICOMPONENT POLYAMIDE EPOXY PRIMER

### DESCRIPTION

Two-component, high-solids, high-thickness polyamide epoxy primer with zinc phosphate anticorrosive pigment. Easy application, good chemical resistance, good mechanical resistance. Meets Petrobras Standard N-2630.

### APPLICATIONS

Painting of equipment, metallic structures, machines in general that are exposed in medium or high aggressiveness environments, such as: paper and cellulose industry, oil and gas industry, steel and chemical & petrochemical industries, mining, and structures in general.

### CHEMICAL BASIS

Polyamide Epoxy Resin, zinc phosphate.

### PROPERTIES AT 25<sup>0</sup> C

Solids by volume	81 ± 1%
Pot life	2 hours
Free-touch drying	Maximum 3 hours
Drying time for overcoating	Minimum 8 hours
Dry thickness	100 – 160 µm
Induction time	15 to 30 minutes
A / B ratio by volume	3/1
A / B ratio by weight	5/1
Texture	Semi gloss
Color	Oxide red, light gray, white
Theoretical performance for 150 µm dry thickness	5.4 m <sup>2</sup> /L

### INSTRUCTIONS FOR USE

#### SURFACE PREPARATION

- Abrasive blasting to almost white metal Standard ISO 8501-1 – Visual standard – Sa 2 ½, minimum roughness profile 55 µm or as specified.
- Do not apply the product when the relative humidity is above 85%. The temperature of the substrate to be painted should be at least 3°C above the dew point, and the maximum temperature of the substrate at 50°C.

#### APPLICATION

##### Mix:

- Mix Part A until it is completely homogeneous, without any precipitate on the bottom of the can, do the same with Part B, then add component A, in the proportion indicated in volume or weight, and mix under mechanical agitation, until perfect homogenization.

##### Brush:

- Recommended only for retouching small areas or for stripe coat (screws, nuts, weld beads, corners, cracks, etc.).

##### Roll:

- Use a roll of sheep wool or synthetic wool for solvent-resistant epoxy.

##### Gun:

- Conventional spray gun JGA 502/3;
- Gun for airless systems. Use 60:1.

##### Dilution:

- Maximum 10% by volume A + B with EP DILUENT.

### PACKAGE

PACKING	COMPONENTS	
	A	B
Kit 18 L Bucket	18 L bucket containing 13,5 L	5 L Gallon containing 4,5 L

### CLEANLINESS

Use EP Solvent.

### STORAGE

Keeping Epoprimer 2630 in a dry place, protected from the sun and other sources of heat and in the original sealed packaging, its life in the container (Shelf Life) at 25°C is 12 months.

## SAFETY

### HEALTH AND SAFETY AT WORK

Avoid all contact with skin or eye. The environment during the application should be well ventilated to reduce inhalation of vapors. Workers should wear adequate breathing apparatus in confined spaces. Open flames, welding operations and any other spark inducing activity are not permitted near the work area. Smoking should not be allowed.

Some people are sensitive to contact with resins, catalysts and solvents. To avoid discomfort all workers should wear gloves and goggles at all time when there is a possibility of spillage or any other contact with these products. The use of protective creams is encouraged as added protection. Over sensitive personnel showing any sign of discomfort should be removed from the work area.

Resin spillage / drippings on the skin can be removed with soap and water. In case of contact with the eye, wash thoroughly for 15 minutes with clean water and get medical help. Medical assistance is required in case of accidental ingestion. Do not induce vomiting.

## ADDITIONAL INFORMATION

Oro produces and sells a large variety of products designed to protect steel or concrete substrates against corrosion. Our product line includes coatings and linings, special paints, and products used in surface treatment.

We also carry a complete line of auxiliary products like grouts, anchoring systems, carbon fibers and a complete system solution to the problem of the structural rehabilitation of steel or concrete structures.

Please call us for further information about our products, tutorial videos and technical brochures.



Av. Alfredo Ignácio Nogueira Penido, 255 – sala 1502  
Ed. Le Classique – Jd. Aquarius – São José dos Campos – SP  
CEP 12.246-900  
Telephone: +55 11 4617-3393  
Email: [contato@oro.eco.br](mailto:contato@oro.eco.br)  
Web: [oro.eco.br](http://oro.eco.br)

The products mentioned in this Technical Report are registered trademarks of Oro Desenvolvimento de Projetos de Engenharia para Revestimentos de Tanques e Estruturas com Materiais Compósitos Ltda.

The custom designed and made to order products manufactured by Oro are guaranteed against manufacturing defects. Oro will provide all technical support and information to assure the correct use of their products. However, since we do not have control over the crew and the conditions under which our products are applied, we cannot assume any liability for their misuse or misapplication.