

# EPOXY PRIMER 832

Micaceous Iron

**TITAN**



Product Code: 832

## Description

Two pack coating cross linked with polyamide and pigmented with micaceous iron oxide. Excellent resistance to aliphatic hydrocarbons, oils and mineral grease. Moreover, it resists the contact with water, caustic soda and aromatic hydrocarbons. It has limited resistance against acids and stronger oxidizers.

## Fields of Application

Excellent intermediate coats in epoxy - polyurethane paint systems. It provides an excellent corrosion resistance in highly humid, salty and aggressive environments. It can be used as multifunctional paint if applied on grit blasted steel.

## Technical Data

<b>Product Type</b>	Epoxy polyamide
<b>Finish</b>	Satin
<b>Colour (UNE EN ISO 11664-4)</b>	Grey
<b>Density (UNE EN ISO 2811-1)</b>	1.45 - 1.50 Kg/l
<b>Coverage</b>	6 - 7 m <sup>2</sup> /l (60 - 75 μ)
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	4 - 5 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	Minimum 12 hours, maximum 10 days
<b>Mixing Rate</b>	Base: 3 parts. Hardener: 1 part
<b>Pot Life at 23°C</b>	6 hours
<b>Methods of Application</b>	Brush, Roller, Spray-gun and Airless (Data quoted are only hints)
<b>Thinning</b>	Brush: 0 - 5 %, Roller: 5 - 8 %, Spray-gun: 10 - 20 %, Airless: 0 - 5 %
<b>Nozzle Diameter</b>	Spray-gun: 1.9 mm, Airless: 0.021" - 0.023"
<b>Nozzle Pressure</b>	Spray-gun: 3 - 4 bar, Airless: 125 - 200 bar
<b>Thinner</b>	873 Thinner
<b>Equipment Cleaning</b>	873 Thinner
<b>Recommended Thickness (UNE EN ISO 2808)</b>	60 - 150 dry μ
<b>Application Temperature, RH&lt;80%</b>	+10 °C - +30 °C
<b>Flash Point (UNE EN ISO 3679)</b>	Base: 35 °C Hardener: 36 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	53 - 55 %
<b>Pack sizes</b>	4 l. For 20 and 10 l a minimum order of 200 l is required

Variations in temperature, humidity, thickness, tinting or surface type, etc. may lead to changes in drying, in coverage or in

other properties.

## Certificates

It complies with the UNE 48295:2003 Standard: Intermediate epoxy paint based on micaceous iron oxide.

## Directions for use

### GENERAL REMARKS:

Carefully stir the product in the pack, preferably with a mechanical shaker. Let to dry for 15 minutes before use in order to help to remove the air contained in the mixture. The surfaces to be painted have to be clean, dry and sound. If exceeding the maximum overcoating limit, to ensure the maximum adhesion between coats a light blasting is required. (Sand Sweeping), to confer a light roughness to the primed surface.

### BARE SURFACES:

**Steel:** Remove rust by sandblasting up to Sa 2 ½ grade of the ISO 8501-1 standard or by means of manual or mechanical cleaning, up to ST3 grade of this same standard. Degrease, dust off and remove rests of rust. Apply the required number of primer coats to reach the recommended thickness level. Then apply the coats of finishing product, according to instructions.

**Other surfaces.** Seek advice.

### MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

For poorly adhered systems and/or showing rust, remove them by sandblasting up to Sa 2 ½ grade of the ISO 8501-2 standard or by means of manual or mechanical cleaning, up to ST3 grade of this same standard. Patch with this primer, preferably by brush. Apply a whole coat of this primer and then the finishing product, according to specifications.

If there is a large poorly adhered surface, thoroughly remove old coats and proceed as for bare surfaces.

## Precautions

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Store in tightly closed containers protected from sources of heat and temperatures below 0°C. Shelf life: 36 months in original unopened packaging.

**Waste management:** Follow local legal regulations. Help to protect the environment, do not empty into drains, dispose of this material and its container at hazardous or special waste collection points. Calculate the amount of product you will need to avoid waste and extra costs. Collect the leftover material and keep it well stored for a new use.

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Any technical sheet is automatically cancelled by a subsequent sheet or five years after the issue date. We guarantee the quality of our products. However, we disclaim any liability in relation to factors other than the coating itself or in relation to an unsuitable use or application method. In case of doubt, please refer to our technical service before applying the products.



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