

# EPOXY ENAMEL 834

Indoor. Gloss

**TITAN**



Product Code: 834

## Description

It is a two pack, epoxy polyamide, glossy enamel. Recommended as a finishing coat for epoxy systems. Hard-wearing, good adhesion and highly resistant to abrasion and impact. Because of its characteristics, it gives high performance in contact with different chemical products, such as greases, oils, acids, solvents and alkaline solutions. Highly waterproof.

## Fields of Application

As a finishing coat for painting structures, machines, metallic elements, etc. submitted to very aggressive environments, in marine areas, in the chemical industry, etc.

## Technical Data

<b>Product Type</b>	Epoxy polyamide
<b>Finish</b>	Gloss
<b>Colour (UNE EN ISO 11664-4)</b>	0597 Clear Base and 0599 White Base
<b>Density (UNE EN ISO 2811-1)</b>	0.99 - 1.01 Kg/l
<b>Coverage</b>	11 - 14 m <sup>2</sup> /l (30 - 35 μ)
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	4 - 6 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	Minimum: 24 hours. Maximum: 7 days (If this interval is exceeded, some sanding of the previous coat film will be required in order to obtain a good adhesion)
<b>Mixing Rate</b>	Base: 2 parts. Hardener: 1 part
<b>Pot Life at 23°C</b>	6 - 8 hours
<b>Methods of Application</b>	Brush, Roller, Spray-gun and Airless (Data quoted are only hints)
<b>Thinning</b>	Brush and Roller: 0 - 5 % / Spray-gun: 5 - 15 % / Airless: 0 - 5 %
<b>Nozzle Diameter</b>	Spray-gun: 1,7 mm / Airless: 0,011" - 0,015"
<b>Nozzle Pressure</b>	Spray-gun: 3 - 4 bar, Airless: 150 - 175 bar
<b>Thinner</b>	Thinner 873
<b>Equipment Cleaning</b>	Thinner 873
<b>Recommended Thickness (UNE EN ISO 2808)</b>	60 - 70 dry μ in 2 coats
<b>Application Temperature, RH&lt;80%</b>	+10 °C - +30 °C
<b>Maximal Volume Tinting Paste</b>	12.5 %
<b>Flash Point (UNE EN ISO 3679)</b>	Base: 30 °C / Hardener: 30 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	43 - 45 %

**Pack sizes**

4 l and 750 ml

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

## Directions for use

**GENERAL REMARKS:**

Carefully stir the contents in the pack, preferably with a mechanical mixer. The surfaces to be painted have to be clean, dry and sound. Let the mixture to dry for 15 minutes before using it in order to help to remove air.

**BARE SURFACES:**

**Steel, iron and non ferrous metals:** Previously apply one of the primers of our epoxy range, following directions for use. Non ferrous metals can also be prepared with one base coat of 871 Wash Primer. Then apply a suitable number of coats of 834 Epoxy Enamel, depending on requirements.

**Other surfaces:** Seek advice.

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

If overcoating on well adhered systems, remove grease, oils and dirt (freshwater jet, cleaning solvent, etc.) Let to dry and apply one or two coats of 834 Epoxy Enamel, depending on requirements.

**MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:**

If the previous paint system is badly adhered and/or shows rust, it has to be removed by sandblasting up to Sa 2 ½ grade of the ISO 8501-2 standard or, alternatively, by hand or mechanical scraping or brushing up to ST-3 grade of this same standard. Then patch with the suitable primer, preferably by brush, and apply the required number of enamel coats.

## 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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