

# WATER BASED EPOXY PAINT 836

Indoors. Semi Gloss

**TITAN**



**Product Code:** 836

## Description

Two-pack water-based epoxy paint for walls and ceiling. Suitable for indoor sanitary installations, slaughterhouses, kitchen deposits, fridges and locals where food is manipulated (indirect contact). For surfaces such as concrete, plaster, etc. It has good chemical and mechanical resistance. Scratch resistant. Permeable to water vapour. It can be applied even on moistened surfaces (concrete humidity <5.5%).

## Technical Data

<b>Product Type</b>	Epoxy
<b>Finish</b>	Semi Gloss
<b>Colour (UNE EN ISO 11664-4)</b>	0588 Cream (RAL 1015) and 0566 White (RAL 9003)
<b>Density (UNE EN ISO 2811-1)</b>	1.38 - 1.42 Kg/l
<b>Coverage</b>	8 - 10 m <sup>2</sup> /l
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	6 - 12 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	Minimum: 12 hours, Maximum: 15 days (Wait 10 - 15 min. before applying the mixture)
<b>Mixing Rate</b>	Base: 4 parts , Hardener: 1 part
<b>Pot Life at 23°C</b>	2 hours. Finish the mixture before preparing a new one
<b>Methods of Application</b>	Brush and roller
<b>Thinning</b>	10 - 15%
<b>Thinner</b>	Water
<b>Recommended Thickness (UNE EN ISO 2808)</b>	50 - 70 μ
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	62 - 66 %
<b>Pack sizes</b>	10 l and 4 l

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

## Certificates

Resistance to abrasion (UNE 18250): < at 50 mg/500 cycles

## Directions for use

### GENERAL REMARKS:

Stir the contents in the pack with a mechanical shaker. The surfaces to be painted have to be dry, sound as well as free from

pollutants such as oils, grease, whitewash, efflorescence, etc. Apply only when the floor temperature is at least 3°C higher than dew point.

#### **BARE SURFACES:**

Concrete: It has to be thoroughly set before painting (wait 28 days). The surface has to be dry or lightly wet (concrete humidity must not exceed 5,5%).

Remove efflorescence or whitewash by water jet, or preferably by blasting or sanding. If the surface is too smooth, roughen it by means of blasting or sanding. Remove dust by vacuum cleaning. Thin the first coat (10 - 15%). Let to dry for 12 hours and apply a second unthinned coat. Ensure a suitable air ventilation while application and drying.

Plaster: Thin the first coat (10-15%) and apply a second unthinned coat (or not exceeding a 5% thinning rate). Let to dry 12 hours between every two coats.

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

Remove grease, oils and dirt (freshwater jet, cleaning solvent, etc) Before applying the epoxy paint, patch the bare areas until reaching the thickness of the previous coats. Let to dry at least 4 hours (at 23°C) and apply two coats of this paint. The overcoating interval between both coats has to be of approx. 12 hours.

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

If the previous paint system is poorly adhered and/or shows rust, it has to be removed by scraping and/or by deeply brushing 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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