

# WATER BASED EPOXY PAINT FOR FLOORS 835

Indoor. Satin

**TITAN**



**Product Code:** 835

## Description

Two-component water-based epoxy paint for indoor floors of concrete and other materials with good mechanical and chemical resistance. It can be applied on moistened surfaces (%humidity <20%). Permeable to water vapour. Very low odour. This allows using it at schools, hospitals, slaughterhouses, hotels or in any place where solvent odour is not wanted.

## Technical Data

<b>Product Type</b>	Epoxy
<b>Finish</b>	Satin
<b>Colour (UNE EN ISO 11664-4)</b>	Grey, red and green
<b>Density (UNE EN ISO 2811-1)</b>	1.36 - 1.42 Kg/l
<b>Coverage (UNE 48282)</b>	5 - 6 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>	18 hours / Maximum: 72 hours
<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>	80 - 120 μ (per coat)
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	63 - 67 %
<b>VOC (UNE EN ISO 11890-2)</b>	2004/42IIA(j)(140/140) Max. VOC 20 g/l
<b>Pack sizes</b>	20 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.

TABER Method UNE 48250 (28 days drying at 23°C) CS10 Wearaser, Weight 1Kg / 500 cycles: loss 22.55 mg

TABER Method UNE 48250 (28 days drying at 23°C) CS10 Wearaser, Weight 1Kg / 1000 cycles: loss 44.55 mg

## Directions for use

### GENERAL REMARKS:

Stir the contents in the pack, preferably 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.

Mechanical resistance: Drying for at least 48 hours (light traffic). Total mechanical and chemical resistance: Drying for at least 7 days.

### BARE SURFACES:

Concrete 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.

If the product is applied with a relative humidity below 15% or with poor air ventilation, the floor finish will be less glossy.

If the overcoating interval of 3 days is exceeded, roughen the surface to open pores before applying the next coat of 835 Water Based Epoxy Paint for Floors.

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

Maintenance of previously painted 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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