

# EPOXY TAR 833

## TITAN



**Product Code:** 833

## Description

Two-component coating which combines an epoxy resin, a tar and a catalyst. Suitable product to protect steel, concrete and wooden surfaces. Very resistant to humidity; sea-water, acids and alkalis, as well as mineral oils and gas-oil. It is not suitable for being in contact with aromatic solvents, like xylene, toluene and naphtha.

## Fields of Application

It can be used as a primer-surface and/or finishing coat. For protecting tanks, buried pipes, metallic structures, floodgates, tanks located in very humid or strongly contaminated atmospheres. For painting sewer systems and waste water tubes.

## Technical Data

<b>Product Type</b>	Epoxy tar
<b>Finish</b>	Semi-gloss
<b>Colour (UNE EN ISO 11664-4)</b>	Black
<b>Density (UNE EN ISO 2811-1)</b>	1.15 - 1.20 Kg/l
<b>Coverage (UNE 48282)</b>	4.5 - 5 m <sup>2</sup> /l (145 -135 dry μ)
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	2 - 3 days
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	Minimum: 24 hours, Maximum: 3 days.
<b>Mixing Rate</b>	Base: 4 parts, Hardener: 1 part
<b>Pot Life at 23°C</b>	8 hours
<b>Methods of Application</b>	Brush, Roller, Spray-gun, Airless (The data quoted are only hints)
<b>Thinning</b>	Spray-gun: 3 - 5%
<b>Nozzle Diameter</b>	Spray-Gun: 2.2 mm, Airless: 0.021" - 0.023"
<b>Nozzle Pressure</b>	Spray-Gun: 3 - 4 bar, Airless: 150 - 200 bar
<b>Thinner</b>	873 Thinner
<b>Equipment Cleaning</b>	873 Thinner
<b>Recommended Thickness (UNE EN ISO 2808)</b>	300 - 450 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: 26 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	64 - 66%
<b>Pack sizes</b>	20 l (minimum order: 200 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.

## Directions for use

### GENERAL REMARKS:

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

If exposed to sun light, this product will chalk and lose gloss, until becoming matt. It does not mean that it would lose its anti-corrosive or waterproofing performance.

### BARE SURFACES:

Steel: Abrasive blasting up to level Sa 2 ½ of the SIS 055900 Standard. Then apply, depending on requirements, two or three coats of 833 Epoxy Tar.

Concrete or wood: Remove dirt and residues of oil or any other pollutant with high pressure air or aspiration. If, provisionally, the blasting is protected with 865 Shop Primer, the surface can be repainted with 833 Epoxy Tar after 2 - 3 hours of its application.

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

Remove damaged areas, as well as grease residues, dirt, etc. The areas with corrosion have to be blasted up to level Sa 2 ½ o by means of mechanic cleaning ST3. Patch these areas with 833 Epoxy Tar to level up the original thickness. After 24 hours, apply 2 or 3 coats of 833 Epoxy Tar depending on specifications.

## 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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