

# URETHANE BASED ENAMEL

Indoor - Outdoor. Gloss

## TITAN



Product Code: 077

## Description

Single component gloss enamel. It dries by oxidation. Very easy to apply. Perfect levelling. Long life. High gloss. Very tough and resistant to marine environments, rubbing, grease and petroleum.

## Fields of Application

For the decoration and protection of surfaces in marine environments: machine rooms, cabins, decks, ship sides, superstructures, etc.

## Technical Data

<b>Product Type</b>	Alkyd urethane-based
<b>Finish</b>	Gloss
<b>Colour (UNE EN ISO 11664-4)</b>	White and colour range
<b>Density (UNE EN ISO 2811-1)</b>	White: 1.20 - 1.25 Kg/l / Colours: 0.92 - 1.05 Kg/l
<b>Coverage (UNE 48282)</b>	12 - 14 m <sup>2</sup> /l (35 - 45 dry $\mu$ )
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	4 - 6 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	18 - 24 hours
<b>Methods of Application</b>	Brush, roller and spray-gun
<b>Thinning</b>	Brush and roller: 0 - 5%, Spray-gun: 5 - 15%
<b>Thinner</b>	White Spirit or Synthetics and Grease Thinner
<b>Equipment Cleaning</b>	White Spirit or Synthetics and Grease Thinner
<b>Recommended Thickness (UNE EN ISO 2808)</b>	60 - 100 dry $\mu$ (2 or 3 coats applied)
<b>Application Temperature, RH&lt;80%</b>	+10°C - +30°C
<b>Flash Point (UNE EN ISO 3679)</b>	42°C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	White: 54 - 56%, Colours: 43 - 46%
<b>Pack sizes</b>	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 before use. The surface has to be sanded, clean, dry and salt-free (wash it). Do not paint if the surface is under direct sunlight or if it has dew on it. (The temperature of the surface has to be at least 3°C higher than the dew point temperature)

## BARE SURFACES:

Wood: Superstructure: Apply 1 - 2 coats of TITAN Sealing Primer, TITAN Multi-Purpose Primer or TITAN YATE Epoxy Primer. Finish with TITAN YATE Urethane-Based Enamel

Iron: Superstructure: Apply 1 coat of TITAN YATE Epoxy Primer, thinned with 20% TITAN YATE Thinner. After 24 hours, apply 2 coats of TITAN YATE M-150 Epoxy Primer. By 72 hours, finish with TITAN YATE Urethane-Based Enamel.

In both cases, for indoor surfaces, 2 coats of TITAN YATE Urethane-Based Enamel are enough. For outdoor surfaces, 3 coats are required

## MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

Wash, sand and directly apply the Enamel.

## MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

Thoroughly remove all previous coats and afterwards proceed as for a bare surface.

## 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.



# TITAN

077 - URETHANE BASED ENAMEL

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