

# POLYLUX LUMINESCENT POLYURETHANE 840

Indoors - Semi Gloss

**TITAN**



Product Code: 840 4752

## Description

Two-component polyurethane paint, with high resistance to wearing. It has the property of absorbing light energy which, when dark, it is re-emitted like visible light, decreasing along a certain period of time. It produces a very hard and elastic film. Antidust and antiabrasion effect.

## Fields of Application

As a finishing coat over 830 White Epoxy Primer for concrete floors and walls in garages, warehouses, workshops and industrial indoor premises, where uniform roll-resistant and dirt-free finishes are required. For signalling in warehouses.

## Technical Data

<b>Product Type</b>	Polyester
<b>Finish</b>	Semi-gloss
<b>Colour (UNE EN ISO 11664-4)</b>	Typical greenish yellow
<b>Density (UNE EN ISO 2811-1)</b>	1.35 - 1.45 Kg/l
<b>Coverage (UNE 48282)</b>	5 - 6 m <sup>2</sup> /l (90 - 100 dry microns)
<b>Drying at 23°C 60 % RH (UNE 48301)</b>	2 - 3 hours
<b>Recoat time at 23°C 60% RH (UNE 48283)</b>	Minimum: 18 hours , Maximum: 5 days
<b>Mixing Rate</b>	Base: 2 parts. Hardener: 1 part.
<b>Pot Life at 23°C</b>	3 hours
<b>Methods of Application</b>	Brush, Roller, Spray-gun, Airless (The data quoted are only hints)
<b>Thinning</b>	Spray-gun: 2 - 5%, Airless: 5%
<b>Nozzle Diameter</b>	Spray-gun: 1.7 - 2.2 mm. , Airless: 0.015" - 0.018"
<b>Nozzle Pressure</b>	Spray-gun: 3 - 4 bar, Airless: 150 bar
<b>Thinner</b>	874 Thinner.
<b>Equipment Cleaning</b>	874 or 873 Thinner.
<b>Recommended Thickness (UNE EN ISO 2808)</b>	At least 180 - 200 dry μ (in two coats)
<b>Application Temperature, RH&lt;80%</b>	+10 °C - +30 °C
<b>Flash Point (UNE EN ISO 3679)</b>	Base: 29 °C / Hardener: 26 °C
<b>Volume Solids (UNE EN ISO 3233-3)</b>	54 - 55 %
<b>Pack sizes</b>	10 l

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

# Certificates

DIN Standard 67510 (Photoluminescence)

## Directions for use

### GENERAL REMARKS:

The surfaces to be painted have to be clean, dry and sound, as well as free from dust, grease and oil.

Carefully stir the product in the pack, preferably with a mechanical shaker.

Let the mixture to dry for 15 minutes before using it in order to help to remove air.

During the painting process, overlapping has to be done before 10 minutes.

Wait 24 hours before stepping on the surface. For vehicles and barrows, allow at least 3 days.

### BARE SURFACES:

Previously prepare the surface with 830 Polylux Epoxy Primer. Let to dry for 18 - 36 hours. If this time is exceeded, roughen the surface by sanding.

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

Thoroughly remove grease, oils and dirt (freshwater jet, cleaning solvent, etc.) Let to dry and apply 1 or 2 coats of 840 Polylux Luminescent Polyurethane Enamel.

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

If the previous paint system is poorly adhered, it has to be removed by scraping and/or by deeply brushing. Patch with 830 Polylux Epoxy Primer, wait at least 18 hours and apply two coats of 840 Polylux Luminescent Polyurethane Enamel

## 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

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