

RUST PREVENTIVE ENAMEL 815 SERVICOLOR BASE

Indoors - Outdoors. Gloss. Clear



Product Code: 815 0597

Description

Base to be tinted with TITAN Servicolor System. Modified quick-drying synthetic enamel which contains a rust-preventive additive. To be directly applied on iron or steel. Excellent resistance to outdoor conditions.

Fields of Application

For structural steel, grilles, doors, heating elements, etc.. Generally speaking, it is suitable for any iron and steel surfaces, in low or moderately aggressive environments, where the direct application of a single product is required.

Technical Data

Product Type	Alkyd
Finish	Gloss
Colour (UNE EN ISO 11664-4)	Industrial Servicolor System
Density (UNE EN ISO 2811-1)	0.96 - 0.99 Kg/l
Coverage (UNE 48282)	10 - 12 m ² /l (35 - 40 μ)
Drying at 23°C 60 % RH (UNE 48301)	30 - 60 minutes
Recoat time at 23°C 60% RH (UNE 48283)	Minimum: 30 minutes Maximum: 4 hours or after 5 days.
Methods of Application	Brush and roller (Only for patching), Air Spray-Gun and Airless (The data quoted are only hints)
Thinning	Air Spray-Gun: 10 - 15%,
Nozzle Diameter	Air Spray-Gun: 1.5 mm, Airless: 0.015" - 0.018"
Nozzle Pressure	Spray-Gun: 3 - 4 bar, Airless: 175 bar
Thinner	872 Thinner
Equipment Cleaning	872 Thinner
Recommended Thickness (UNE EN ISO 2808)	70 - 80 dry μ in two coats
Application Temperature, RH<80%	+10°C - +30°C
Maximal Volume Tinting Paste	12.5%
Flash Point (UNE EN ISO 3679)	27 °C
Volume Solids (UNE EN ISO 3233-3)	48 - 49 %
Pack sizes	4 l and 750 ml. For 10 l a minimum order of 200 l is required.

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. The surfaces to be painted have to be clean, dry and sound.

BARE SURFACES:

Iron or steel: It can be directly applied. No primer is needed. If the surface shows rust, softly sand to roughen it. Remove poorly adhered rust. In moderately corrosive atmospheres (C3), steel has to be sanded up to ST-3 of the UNE EN ISO 8501-1 standard. Under these conditions, a minimum thickness of 120 microns will be required (3 dry coats).

Other surfaces: Seek advice

In all cases: (according to 12944 standard)

Moderately corrosive atmospheres C2: 70 80 microns

Highly corrosive atmospheres C3: 120 microns

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN GOOD CONDITION:

If overcoating on well adhered systems, remove grease, oils and dirt (freshwater jet, etc.) Let to dry and apply one or two coats of enamel, depending on requirements.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

If the previous paint system is poorly adhered, it has to be removed by sandblasting up to Sa 2 ½ grade of the ISO 8501-2 standard or, alternatively, by hand or mechanical scraping or brushing up to ST-3 grade of this same standard. Then patch with 815 Enamel, preferably by brush, and apply the required number of enamel topcoats.

Precautions

Always read the pack label before use. For more information, please refer to the Safety Data Sheet.

Issue date: 2015-06

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

815 0597 - RUST PREVENTIVE ENAMEL 815 SERVICOLOR BASE

INDUSTRIAS TITAN S.A.U.

España: P. I. Pratenc, c/ 114, 17-19 - 08820 El Prat de Llobregat- T. +34 93 479 74 94

Portugal: Rua Fonte Cova, 51 - 4475-031 Maia
Endereço Postal: Apartado 2020 - 4476-909 Castelo da Maia
T. +351 229 865 450 - F. +351 229 810 764

