

SATIN ENAMEL 814 SERVICOLOR BASE

Indoors - Outdoors - Satin. Clear



Product Code: 814 0597

Description

Base to be tinted with TITAN Servicolor System. It is a satin urethaned alkyd enamel with great resistance outdoors. It has good elasticity. It has good resistance to mineral oils and aliphatic hydrocarbons.

Fields of Application

As a general use finishing coat on steel and wood in industrial and marine atmospheres with moderate chemical aggression. Structural steel, iron gates, doors, etc, and any iron and wooden surfaces, both in and outdoors.

Technical Data

Product Type	Alkyd urethaned
Finish	Satin. Gloss 60° 20 - 25
Colour (UNE EN ISO 11664-4)	Industrial Servicolor System
Density (UNE EN ISO 2811-1)	0.93 - 0.95 Kg/l
Coverage (UNE 48282)	12 - 14 m ² /l (30 - 35 dry microns)
Drying at 23°C 60 % RH (UNE 48301)	3 - 4 hours
Recoat time at 23°C 60% RH (UNE 48283)	Minimum: 18 hours
Methods of Application	Brush, Roller, Spray-gun and Airless (The data quoted are only hints)
Thinning	Brush: 0 - 5% /Roller: 5 - 10% / Spray-Gun: 15%
Nozzle Diameter	Spray-Gun: 1.7 mm, Airless: 0.015" - 0.018"
Nozzle Pressure	Spray-Gun: 3 - 4 bar, Airless: 175 bar
Thinner	873 or 875 Thinner
Equipment Cleaning	875 Thinner.
Recommended Thickness (UNE EN ISO 2808)	60 - 100 dry μ in 2 or 3 coats
Application Temperature, RH<80%	+10°C - +30°C
Maximal Volume Tinting Paste	12 - 12.5%
Flash Point (UNE EN ISO 3679)	39°C
Volume Solids (UNE EN ISO 3233-3)	42 - 48%
VOC (UNE EN ISO 11890-2)	< 460 g/l
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:

Steel: Previously apply one of the primers of our alkyd range, following directions for use and keeping the overcoating intervals. Then apply a suitable number of enamel coats, depending on requirements.

Non ferrous metals: Previously apply one coat of 804 or 871 Primer. To improve adhesion, some light sanding on metal may be necessary.

Other surfaces: Seek advice

In all cases:

Indoors: 1 - 2 coats (35 - 70 microns)

Outdoors: 2 - 3 coats (70 - 100 microns)

In order to improve resistance to outdoor conditions, 3 enamel coats are recommended.

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 paint, depending on requirements.

MAINTENANCE OF PREVIOUSLY COATED SURFACES IN POOR CONDITION:

If the previous paint system is badly adhered, it has to be removed by sandblasting up to Sa 2 ½ grade of the ISO 8501-1 standard or, alternatively, by hand or mechanical scraping or brushing up to ST-3 grade of this same standard. Then patch with the suitable primer, preferably by brush, and apply the required number of paint coats.

Precautions

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

Issue date: 2018-05

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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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

