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Fully paid-up share capital
€ 3.000.000,00
Legal title
no. 26 dated 20 May 1944

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

7710

POLIDUR SATINATO

polyurethane satin enamel



A polyurethane satin enamel, ideal for wood lacquering cycles and as a finish for metal objects, in both the building and industrial sectors. It leaves a velvety appearance and features high chemical resistance. For interiors, excellent price-quality ratio.



Revision date

26/06/2023

Composition

A two-component, chemical-drying semi-glossy polyurethane paint in solution for the finishing coat.

Classified as per UNI 8681:B4.A.1.C.1.CA

Main properties

- high chemical and mechanical resistance
- high opacity
- high filling properties

Uses

A transparent satin polyurethane paint to be used as a finishing product in coating cycles for furniture cabinets and wooden furniture for interiors.

Colour

White, Colormaker bases.

It can be coloured with the Colormaker tinting system; the number of available bases is indicated in the catalogue and in the Colormaker Lab software.

Technical features	Reference	UoM	Values
(data measured at 20°C, with 65% R.H.)			
Specific weight (pycnometer)	C022	kg/l	1.300 ± 0.030
Viscosity - Ford Cup no. 8	C076	s	17 ± 1
Gloss 60° (instrumental test)	C005	GU	30.00 ± 5.00
Dry residue	C033	%	53.0 ± 2.0 after catalysis
Dust-free air drying		min	10
Tack-free drying		min	40-60
Deep drying		hours	5-6
Coat-over time		hours	8

Method of use

. Surface and application conditions

Ambient temperature min. +5°C / max. +35°C and R.H. < 70%

Temperature of the support min. +5°C / max. +35°C and at least 3°C above the dew point



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. Catalysis ratio	100 parts by weight of POLIDUR SATINATO with 50 parts by weight of 94200230 100 parts by volume of POLIDUR SATINATO with 65 parts by volume of 94200230
. Duration of the mix (pot life)	5 hours at 20°C
. Application method	Airless, spraying
. Thinner	93200013
. Dilution	from 5% to 10%
. Airless application	Recommended Usable nozzles 0.011-0.017" Misting pressure 120-180 atm Compression ratio 30:1 (min) The data for airless spraying is purely indicative and subject to adjustments. The filters must be suited to the nozzle used.
. Spraying	Airbrush: Nozzle diameter: 1.2-1.4 mm recommended Nozzle pressure: 3-4 atm
. Mixing	Mix the product with care, adding the thinner gradually until the desired application viscosity is obtained.
. Theoretical coverage	6-7 m ² /l depending on the surface absorption

Application cycle

ON WOOD

One coat on Fondo Polidur 72400050 primer. After applying the primer, wait 24 hours before applying the finish.

ON IRON

One coat of 61200000 Antiruggine Epossidica epoxy anti-rust coating. After applying the primer, wait 12 hours before applying the finish.

FOR EXTERIORS

Using catalyst 94200301, bear in mind that the gloss increases (60 ± 5 roughly) and the final appearance will be semi-glossy.

Notes

The catalyst is sensitive to humidity.
Keep the containers tightly closed and avoid applying the product with excessive humidity levels.

Storage

In tightly closed containers, in a cool and dry place, protected against frost and heat sources.

Warnings

Work in well-ventilated environments and wear suitable personal protective equipment. Wash the brushes and tools immediately after use with thinner, and do not disperse the containers in the environment.
Keep out of reach of children.
Consult the safety data sheet for further information.

VOC Classification - Directive 2004/42/EC - Italian Legislative Decree no. 161/2006

Product for professional use.

Specification items

Application of 1 coat of POLIDUR SATINATO, a satin polyurethane enamel, prior adequate preparation of the surfaces to be treated. Including materials and application, excluding skimming and/or scaffolding.

This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet annuls and replaces any previous editions.
