

POLIX SATINATO

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DESCRIPTION

Special polyurethane resins, two component glazed finishing.
With excellent coverage and good fullness. It gives the backing on which it is applied high abrasion resistance and impact resistance, excellent durability and colour retention, excellent resistance to light and weathering, acids and alkalis, detergents and to oils and greases.

USES

It is used as a finishing polish for the varnishing of agricultural machinery, machine tools, metal structural work, industrial floorings and furniture.

PREPARING THE SURFACE:

To obtain best results it is essential to always observe the rules for a 'thorough cleaning' of the backing to be redressed.

Ferrous surfaces: remove all traces of rust, scale, grease and moisture by grade SA 2.5 sanding or perform a careful mechanical cleaning followed by solvent degreasing. Apply two coats of TOPGalvanised sheet: carry out a phosphodegreasing or alkaline degreasing treatment or perform a thorough cleaning of outside waste and oxidation by sanding and then degrease with organic solvents. Apply two coats of TOPAluminium and light alloys: chromatising or phosphochromatizing, alternatively sand lightly, followed by degreasing with organic solvents; then apply LUBENS EPOX FONDO.

Cement surfaces: prime with appropriately water-diluted BOSTON PRIMER according to the absorbance of the treated surface.

Once the process of cleaning the surface to be painted by one of the chemical or mechanical treatments terminates, never leave the exposed metal for more than 12 hours without temporary protective coating or a coat of rust inhibitor to prevent the formation of rust that may affect the duration of the paint products applied subsequently.

APPLICATION

Apply two coats of the diluted product by roller or spray.

Before applying the product mix thoroughly until uniform in colour and consistency, then pour the contents of the hardener and stir until completely mixed.

Mix 100 parts of BASE (base mix + colouring pastes) 15 parts of INDURENTE POLIX AR.

If the mixing or the dosing of the base and hardener are not correctly executed, it will affect the hardening and the final physical and chemical characteristics.

The mixture thus prepared has a usage period of about 2-3 hours (at high temperatures the pot_life decreases significantly); it is not recommended to apply the catalysed product since the film that is formed can have poor adhesion to the backing.

During the application it is opportune to follow the stated thicknesses for each coat. Otherwise, and especially with high temperature, pitting can easily form on the varnished surface. Apply with an ambient temperature between 10 ° C and 30° C and less than 60% humidity. Do not apply in direct sunlight. After application, exterior surfaces must be protected from rain until perfectly dry, which normally, at 20 ° C, occurs after approximately 24 hours.

DILUTION

Ready to use up to a maximum of 5% in weight with DILUENTE X or DILUENTE P.

TECHNICAL DATA

PRODUCT	Ployurethane resins based finishing
SPECIFIC WEIGHT	1.150 ± 0.050kg/L
VISCOSITY	400 ± 50 Brookfield cPs at 23 °C (base+hardener)
GLOSS	Gloss (60°): 40 ± 5
COLOUR	White and RAL colours
THICKNESS RECOMMENDED	50-60 dry microns per coat
NUMBER OF COATS RECOMMENDED	2 coats
RE-COATING	12-18 hours
MIXING RATIO	Component A 100 - Component B 15 in weight
POT LIFE	2-3 hours
APPLICATION METHOD	Airbrush mixed air: use nozzle 1.2 ÷ 1.5 mm Pressure of 3-4 atm Airless: nozzle Ø 0.3÷0.4 mm Compression ratio 30:1 Spray pressure 130÷160 atm Roller
THEORETICAL YIELD	6-8 sq.m/L for two layers
DRYING at 23 °C:	
Tack	20-30 minutes
Touch dry	3-4 hours
Deep dry	24 hours
Complete reticulation	7 days
Maximum chemical resistance	7 days

CLEAN TOOLS

With DILUENTE N immediately after use.

STORAGE

The product should be stored tightly closed at temperatures between 5 ° C and 30 °. It cannot stand chills and excessive heat.

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