



SATIN POLYURETHANE VARNISH

V2

Varnished polyurethane 2 components, of great hardness, especially conceived for an excellent behaviour with the marine atmosphere.

CHARACTERISTICS

This varnish is very effective against abrasion, it does not turn yellow and therefore can be used as a protective varnish on polyurethane lacquers **SL2**. On exterior wood, thanks to its great toughness, it offers ideal protection against bad weather while maintaining great flexibility.

PHYSICAL CHARACTERISTICS

Hardening mechanism: Chemical reaction between compounds A and B
Density: 1.00 +- 0.02
Dry extract (volume): 50 +- 2 %
Flash point: 23°C <= PE <= 55°C
Viscosity: 70 – 80 "
Thickness of the dry film per layer: 30 microns
Recommended total thickness: 60 microns
Practical coverage per layer: 10 m²/l
Finish: Satin

PREPARATION OF THE SURFACE

On new wood: Sand the surface with dry 150-180 grain sandpaper, then apply a first coat of very dilute varnish (30-50%) to obtain good penetration of the varnish into the surface.

On wood that is already varnished: Make sure that the old varnish is a dual component polyurethane, then sand down with dry 240 grain sandpaper.

On polyurethane lacquer SL2: Perform an egrenation of the lacquer and dust well.

PREPARATION OF THE PAINT

Mix the product well before mixing both compounds.

Mixing ration in volume

Compound A: 2 parts

Compound B: 1 part

Thinner for V2 (ex D225): 5 to 15%

Only add the thinner after having mixed compounds A and B.

Thinner for spray gun: Thinner for V2 gun application (ex D225)

Thinner for brush: Thinner for V2 (ex D223)

Time needed for the mixture to mature: 15 minutes

Viscosity of application: 25 – 30 seconds

Length of mixture's pot life at 20°C: 24 hours

APPLICATION

Apply two 30 microns (dry film) coats of varnish **V2**, wet on wet, or apply 2 coats leaving 24 hours between the two with intermediate sanding.

CHARACTERISTICS FOR USE

Application material: Brush, roller, spray gun

For brush/roller: A maximum of 25 % dilution with the thinner for V2 (ex D223)

For spray gun: A maximum of 35 % dilution with the thinner for V2 gun application (ex D225)

Nozzle diameter 1.4-1.7, air pressure 3-3.5 bars

Temperature range for use: + 10 to + 35°C

Relative humidity: Below 80%,

Reminder: The temperature of the surface must be at least 3°C above the dew point in order to avoid the formation of condensation.

Drying at 20°C:

Away from dust: 15 – 20 minutes

Dry to touch: 1 hour

Sanding: 24 hours

Over-coating: With the same product

Full polymerisation: 15 days at ambient temperature.

CHARACTERISTICS OF THE POLYMERISED VARNISH

Resistance to abrasion: Excellent NF T.30-015
Mechanical resistance: Very flexible – very tough
Resistance to UV rays: Excellent - does not turn yellow
Chemical resistance: Good for bases, acids and distilled water

PACKING AND STORAGE

Packaging : 750 ml, 2.5 litres and 15 litres
Storage : 12 months for compound A – 6 months for the hardener in the original container.

PRECAUTIONS FOR USE

Keep out of reach of children.
Use protective gloves, solvent protective masks and clothes Work in a ventilated area, an accumulation of solvents can catch fire if exposed to a naked flame or a spark.

HEALTH AND SAFETY

See data sheet

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