



## 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 m<sup>2</sup>/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

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## 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.

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## 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.

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## HEALTH AND SAFETY

See data sheet

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