



POLYURETHANE LACQUER

SL2

Dual component polyurethane lacquer, high gloss, specially made to have excellent performance in a marine environment.

CHARACTERISTICS

This lacquer gives excellent performance in the marine environment and against ultra violet rays and is very resistant to abrasion. Thanks to its formula, it has perfect film tension, whether applied with a spray gun or a brush, and it covers well.

All the colours can be mixed with each other.

PHYSICAL CHARACTERISTICS

Hardening mechanism:	Chemical reaction between compounds A & B
Density:	1.18 ± 0.05 (white)
Dry extract (weight):	63 % ± 2 %
(volume):	52 % ± 2 %
Flash point:	23°C ≤ PE ≤ 55°C
Viscosity:	70 sec ± 5 sec with cup viscometer NF4
Temperature strength:	90°C permanent; 120°C by peak.
Thickness of the dry film per layer:	40 microns
Recommended total thickness:	80 microns
Practical coverage per layer:	13 m ² /l
Finish:	Glossy

PREPARATION OF THE SURFACE

On new polyester: Clean the polyester with the de-waxer/grease remover **DCR900**. Leave to dry. Remove the glaze from the gel-coat and then apply the lacquer.

On old dual component polyurethane lacquer: Sand away all parts that do not adhere to the surface. If the surface is in a bad state, apply a polyurethane primer **AP20** or **AP21** to fill in the defects.

This lacquer can be applied to polyester, to polyurethane primer or to epoxy surfaces.

PREPARATION OF THE PAINT

Thoroughly mix the product before mixing the two compounds.

Mixing ratio by volume

Compound A : 2 / Compound B : 1 / Thinner : 20 to 40%

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

Thinner for spray gun (light thinner): Thinner for SL2 gun application (ex D 225)

Thinner for brushes (heavy thinner): Thinner for SL2 (ex D 223)

Time for the mixture to mature: 10-15 minutes

Mixture's pot life at 20°C: 3 hours

APPLICATION

Apply two 40 microns (dry film) coats of **SL2** lacquer, without leaving any drying time between the two, or apply 2 coats with a 24-hours interval and sanding between the two.

CHARACTERISTICS FOR USE

Application material: Brush, roller and spray gun.

For brush / roller: A maximum of 5-10 % dilution with the thinner for SL2 (ex D223)

For spray gun: A maximum of 20-40 % dilution with the thinner for SL2 gun application (ex D225).

Under high temperature conditions add 5-10 % of the thinner SL2 (ex D223).

Nozzle diameter 1.5 -1.8 air pressure 3 – 3.5 bars

Temperature range for use: +10 to +30°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: 1 hour

Dry to touch: 6 hours

Sanding : 24 hours
Over-coating : With the same product during 24 hours or with the varnish V2. After 24 hours, it is necessary to sand.
Full polymerisation: 7 days at ambient temperature.

CHARACTERISTICS OF THE POLYMERISED LACQUER

Gloss: Excellent (92 gloss-60°)
Resistance to salt water: Good performance in salt spray
Mechanical resistance: Very good flexibility – Good performance against knocks.
Resistance to UV rays: Excellent
Chemical resistance: Good performance against hydrocarbons, greases, dilute bases and acids.

PACKING AND STORAGE

Packaging : 750 ml (white: 2.5 litres)
Storage : 12 months for base / 6 months for hardener

PRECAUTIONS FOR USE

Keep out of reach of children. Use protective gloves, breathing 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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