

TECHNICAL DATA

PRODUCT CODE/NAME	LGP 501 – CHROMOGLOSS
DESCRIPTION	WHITE PU GLOSSY FINISH
HARDENER(S)	LCB 061 or LCB 131 at 100%
THINNER(S)	LZD 083 or LZD 442 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

For cabinets, furniture and fittings, doors, chairs, turned parts, various items in different types of wood and MDF. The product is not suitable for external use.

PROPERTIES:

Excellent flow, high brightness, covering power and easy to use. Absence of sinking and Very good softness and surface hardness. LGP 501 can be brushed and polished.

GLOSS LEVELS AVAILABLE:

LGP 501 almost 100

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	11.190 lb/USgal ± 0.100	VOCs (%)	27.4 ÷ 29.4
Specific Weight (at 20°C/68°F)	1340 g/l ± 10	VOCs (lb./USgal)	3.11 ÷ 3.28
Solid Content % by Volume	55.64%	VOCs (g / l)	373 ÷ 393
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	70% ÷ 72%		
Viscosity DIN Ø 6 (at 20°C/68°F)	40" ± 3"	Pot Life see notes	4 hrs.
Viscosity Brookfield (at 20°C/68°F)	n.a.	Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LGP 501	10 parts	100%	10 parts	100%
Hardener LCB 131/061/070	13 parts	130%	10 parts	100%
Thinner LZD xxx	2-3 parts	20-30%	2-4 parts	20-40%

Follow TDs LGP 501

APPLICATION:

AIRMIX

QUANTITIES (ready to use):

1st coat (wet mils)

6 ÷ 7

6 ÷ 7

**Maximum amount to apply
(even in two coats)**

10 wet mils

10 wet mils

DILUTION:

20-40%

20-30%

SUGGESTED CYCLE:

- | | |
|--|------------|
| a) Substrate: Walnut, Mahogany, MDF. Various essences | |
| Primer: LBP 578 or LBP 542 – LAKPRIMER White PU | 2-3 layers |
| Sanding: 280-320-400 grain paper | |
| Topcoat: LGP 501 – CHROMOGLOSS White PU Glossy Finish | 1 layer |
| | |
| b) Substrate: Walnut, Mahogany, MDF. Various essences | |
| primer: LPP 5xx SERIE – HIPOFOND White Polyester | 2-3 layers |
| Sanding: 280-320-400 grain paper | |
| Topcoat: LGP 501 – CHROMOGLOSS White PU Glossy Finish | 1 layer |

DRYING-TIME (at 20°C/68°F)

Dust-free	20 min.
Dry to touch	40-45 min.
Stackable	> 12 hrs.
Thoroughly dry	24 hrs.
Brushing and Polishing	> 2 days

NOTES:

Differences with the hardeners: LCB 131 standard non-yellowing and good drying; LCB 061 for extended pot-life, more hardness and elasticity; LCB 070 standard yellowing and more covering. The LGP 501 can be used also with LXT8xx pastes with our tinting SIVACHROM system. The reducing is very important; in case of hot climate we suggest to use some retardant thinner as LZD 101 or LZD 484 in ratio of 5 to 10% calculated on part 'A'.

STORAGE: Keep in a fresh and well-ventilated place; preferably not exceed 30°C/86°F.

TDs LGP 501 – 2017, October – revision NA01

IMPORTANT: The information contained in this technical data sheet are based on the average results obtained in our laboratories and is the best experience we have acquired in the most rigorous manner, thorough tests and checks.

Nuova S.I.V.A.M. guarantees the consistency of the chemical/physical characteristics of its products within the tolerances indicated above.

The final result is the full responsibility of the user who, before using the product, must check that it meets his requirements in terms of safety, application equipment, support material to paint, and environmental conditions.

The information given herein is based on a temperature of 20°C/68°F and 70% of relative humidity.

Nuova S.I.V.A.M. technical and commercial network is at your complete disposal to deal with any questions regarding how to correctly apply and use our products.