

TECHNICAL DATA

PRODUCT CODE/NAME	LGA 209 – SIVOGLOSS
DESCRIPTION	CLEAR PU GLOSSY FINISH
HARDENER(S)	LCB 061 or LCB 131 at 100% (Non-Yellowing)
THINNER(S)	LZD 083 or LZD 442 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

For furniture and fixtures, cabinets, chairs, turned parts, various items in different veneers or solid wood.

The product is not suitable for external use.

PROPERTIES:

Excellent flow, brightness and easy to use. Absence of sinking and very low removal of the sealer. Very good softness and surface hardness. LGA 209 can be brushed and polished. Possibility of overlaying with gold leaf in system that works at high temperature.

GLOSS LEVELS AVAILABLE:

LGA 209 almost 100

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	8,434 lb/USgal ± 0.100	VOCs (%)	48.4 ÷ 50.4
Specific Weight (at 20°C/68°F)	1010 g/l ± 10	VOCs (lb./USgal)	3.96 ÷ 4.13
Solid Content % by Volume	44.97%	VOCs (g / l)	475 ÷ 495
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	51% ÷ 53%		
Viscosity DIN Ø 4 (at 20°C/68°F)	25" ± 2"	Pot Life see notes	5 hrs.
		Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LGA 209	10 parts	100%	10 parts	100%
Hardener LCB 131/061/070	10 parts	100%	10 parts	100%
Thinner LZD xxx	2-4 parts	20-40%	2-4 parts	20-40%

Follow TDs LGA 209

APPLICATION:	AIRMIX	AIRLESS
QUANTITIES (ready to use):		
1st coat (wet mils)	4 ÷ 6	4 ÷ 6
Maximum amount to apply	8 wet mils	8 wet mils
DILUTION:	20-40%	20-30%

SUGGESTED CYCLE:

- a) Substrate: Walnut, Mahogany, Chestnut. Various essences
- | | | |
|----------|---|------------|
| Stain: | LAM xxx SERIE – MAKOLOR | |
| Sealer: | LBA 168 – SIVODUR Clear Sealer | 2-3 layers |
| Sanding: | 280-320-400 grain paper | |
| Topcoat: | LGA 209 – SIVOGLOSS Clear PU Glossy Finish | 1 layer |
- b) Substrate: Walnut, Mahogany, Chestnut. Various essences
- | | | |
|----------|---|------------|
| Stain: | LAM xxx SERIE – MAKOLOR | |
| Sealer: | LPA 127– HIPOFOND Clear Polyester Sealer | 2-3 layers |
| Sanding: | 280-320-400 grain paper | |
| Topcoat: | LGA 209 – SIVOGLOSS Clear PU Glossy Finish | 1 layer |

DRYING-TIME (at 20°C/68°F)

Dust-free	15 min.
Dry to touch	50-60 min.
Stackable	> 12 hrs.
Dry to sand	n.a.
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 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 LGA 209 – 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. S.p.A.

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.