

TECHNICAL DATA

PRODUCT CODE/NAME	LGE 050 – SIVOGLOSS
DESCRIPTION	CLEAR ACRYLIC GLOSSY FINISH
HARDENER(S)	LCB 057 at 30%
THINNER(S)	LZD 083 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

For furniture and fixtures, cabinets, nautical furniture, chairs, turned parts, various items in different clear veneers and solid wood. It is also suitable for essences chemically bleached and pre-dyed substrates.

The product is also suitable for external use.

PROPERTIES:

High solid product. Outstanding resistance to yellowing and transparency and very light color (practically colorless). It has excellent surface hardness, adhesion and filling; it provides durability under extreme environmental conditions. LGE 050 can be brushed and polished but must allow for 48 hours of drying in proper conditions.

CHEMICAL-PHYSICAL PROPERTIES:

Specific Gravity (at 20°C/68°F)		Viscosity (at 20°C/68°F)	
Specific Gravity lb./USgal	9,184 ± 0,150	DIN Ø 6	18" ± 2"
Specific Gravity g / l	980 ± 10		
Solid Content by Weight	54.7% ± 1	Solid Content by Volume	50.1% ± 1
		Average theoretical value according with ISO 2322-3:2015	
VOCs Actual (MATERIAL)		VOCs Regulatory (LESS WATER and EXEMPT SOLVENTS)	
VOC lb./USgal	3.625 ÷ 3.789	VOC lb./USgal	3.625 ÷ 3.789
VOC g / l	434.1 ÷ 453.7	VOC g / l	434.1 ÷ 453.7
VOC %	44.3 ÷ 46.3		
Theor.Coverage -1 dry mil (value referred to LGP501+30% LCB057 b.w.+40% LZD083 b.w.)			422 ÷ 434 sqft/USgal
Pot-life			almost 8 hrs.
Shelf Life			24 months

PREPARATION OF THE PRODUCT:

	by volume			by weight	
LGE 050	10 parts	100%		10 parts	100%
Hardener LCB 057	3 parts	30%		3 parts	30%
Thinner LZD xxx	3-5 parts	30-50%		3-5 parts	30-50%

Follow TDs LGE 050

GLOSS LEVELS AVAILABLE:

LGE 050	almost 100	
APPLICATION:	AIRMIX	AIRLESS
QUANTITIES (<u>ready to use</u>):		
1st coat (wet mils)	4 ÷ 5	4 ÷ 5
Maximum amount to apply	7 wet mils	7 wet mils
DILUTION:	20-50%	20-40%

SUGGESTED CYCLE:

- | | |
|---|------------|
| a) Substrate: Beech, maple, ash, various woods also chemically bleached | |
| Stain: LAM4xx SERIE – MAKOLOR | |
| Sealer: LBE 192 – SIVODUR Clear Sealer | 2-3 layers |
| Sanding: 280-320-400 grain paper | |
| Topcoat: LGE 040 – SIVOGLOSS Clear Acrylic Glossy Finish | 1 layer |
| b) Substrate: Various woods suitable for external | |
| Stain: LWW2xx SERIE or LWW8xx SERIE – IDROSIV | |
| Sealer: LBA 250 – SIVODUR Clear PU for external | 2-3 layers |
| Sanding: 280-320-400 grain paper | |
| Topcoat: LGE 050 – SIVOGLOSS Clear Acrylic Glossy Finish | 1 layer |

DRYING-TIME (at 20°C/68°F)

Dust-free	15-20 min.	Dry to touch	40-45 min.
Stackable:	> 24 hrs.	Thoroughly dry	> 48 hrs.

NOTES:

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.

The product, stored in the original cans tightly closed, preferably at a temperature between 10°C and 30°C (50°F to 86°F), has a shelf life of 24 months.

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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.

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