

TECHNICAL DATA

PRODUCT CODE/NAME	LGE 040 – SIVOGLOSS
DESCRIPTION	CLEAR ACRYLIC GLOSSY FINISH
HARDENER(S)	LCB 057 at 30% LCB 047 at 50%
THINNER(S)	LZD 083 or LZD 442 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

For furniture and fittings, 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 not suitable for external use.

PROPERTIES:

Outstanding resistance to yellowing and transparency and very light color. Excellent softness together with surface hardness. Good elasticity, adhesion and fast drying.
LGE 040 can be brushed and polished.

GLOSS LEVELS AVAILABLE:

LGE 040 almost 100

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	8,017 lb/USgal ± 0.100	VOCs (%)	57.4 ÷ 59.4
Specific Weight (at 20°C/68°F)	960 g/l ± 10	VOCs (lb./USgal)	4.65 ÷ 4.81
Solid Content % by Volume	35.7%	VOCs (g / l)	557 ÷ 577
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	41% ÷ 42%		
Viscosity DIN Ø 6 (at 20°C/68°F)	30" ± 3"	Pot Life see notes	6 hrs.
Viscosity Brookfield (at 20°C/68°F)	n.a.	Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume			by weight	
LGE 040	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%
LGE 040	10 parts	100%		10 parts	100%
Hardener LCB 047	5 parts	50%		5 parts	50%
Thinner LZD xxx	2-4 parts	20-40%		2-4 parts	20-40%

Follow TDs LGE 040

APPLICATION:	AIRMIX	AIRLESS
QUANTITIES (<u>ready to use</u>):		
1st coat (wet mils)	4 ÷ 5	4 ÷ 5
2nd coat (wet mils – eventually)	4 ÷ 5	4 ÷ 5
Maximum amount to apply	10 wet mils	10 wet mils
DILUTION:	20-50%	20-40%
SUGGESTED CYCLE:		
a) Substrate: Beech, maple, ash, various woods also chemically bleached		
Stain: LAM xxx 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: MDF, various woods		
Stain: LAM xxx SERIE – MAKOLOR		
Primer: LPP 5xx SERIE– HIPOFOND White Polyester or LBP xxx SERIE – LAKPRIMER White PU		2-3 layers
Sanding: 280-320-400 grain paper		
Undercoat: LFP xxx SERIE – Pigmented PU self-seal or Top Coat		1 layer
Topcoat: LGE 040 – SIVOGLOSS Clear Acrylic Glossy Finish		1 layer
DRYING-TIME (at 20°C/68°F)		
Dust-free		15 min.
Dry to touch		40-45 min.
Thoroughly dry		24 hrs.
Brushing and Polishing		> 2 days

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.

TDs LGE 040 – 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.