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 *PREPARATION OF THE PRODUCT*

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%

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GLOSS LEVELS AVAILABLE:

    LGE 050   almost 100

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APPLICATION:	**AIRMIX**	**AIRLESS**
QUANTITIES (ready to use):		
1st coat (wet mils)	4 ÷ 5	4 ÷ 5
Maximum amount to apply	7 wet mils	7 wet mils
DILUTION:	20-50%	20-40%

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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

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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.

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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'.

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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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