

TECHNICAL DATA

PRODUCT CODE/NAME	LFE 39x – SIVOSAT SERIE
DESCRIPTION	CLEAR ACRYLIC TOPCOATS
HARDENER(S)	LCB 057 at 10%
THINNER(S)	LZD 096, LZD 083, LZD 474 or LZD 091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

Ideal for light woods and open grain effect - ash, oak, walnut, chestnut, maple, and beech; Wood substrates that have been chemically bleached and pre-dyed veneers.

For interior use: furniture, kitchen and bathroom cabinets, commercial and architectural millwork.

PROPERTIES:

LFE 39x is a series of 2K acrylic topcoats, with excellent elasticity, adhesion and fast drying, together high surface hardness and abrasion resistance; very good transparency and yellowing resistance.

GLOSS LEVELS AVAILABLE:

LFE 390 = 80 ± 3	LFE 391 = 50 ± 2	LFE 392 = 40 ± 2	LFE 393 = 30 ± 2
LFE 394 = 15 ± 2	LFE 395 = 5 ± 1	LFE 396 = 2 ± 1	

CHEMICAL-PHYSICAL PROPERTIES:

Specific Gravity (at 20°C/68°F)		Viscosity (at 20°C/68°F)	
Specific Gravity lb./USgal	$7,808 \pm 0.100$	DIN Ø 4	50" ÷ 55"
Specific Gravity g / l	935 ± 10		
Solid Content by Weight		Solid Content by Volume	
$29.9\% \pm 1$		$23.8\% \pm 1$	
		Average theoretical value according with ISO 2322-3:2015	
VOCs Actual (MATERIAL)		VOCs Regulatory (LESS WATER and EXEMPT SOLVENTS)	
VOC lb./USgal	$5.403 \div 5.553$	VOC lb./USgal	$5.403 \div 5.553$
VOC g / l	$647 \div 665$	VOC g / l	$647 \div 665$
VOC %	$69.15 \div 71.15$		
Theor.Coverage - 1 dry mil (value referred to LFE39x+10% LCB057 b.w.+20% LZD096 b.w.)		$368 \div 390$ sqft/USgal	
Pot-life		> 6 hours	
Shelf Life		24 months	

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LFE39x SERIE	10 parts	100%	10 parts	100%
Hardener LCB057	1 part	10%	1 part	10%
Thinner LZD 096-083-474-091	1-3 parts	10-30%	1-3 parts	10-30%

Follow TDs LFE 39x SERIE

APPLICATION:	AIRMIX SPRAY	AIRLESS SPRAY
QUANTITIES (<u>ready to use</u>):		
1st coat (wet mils)	4 ÷ 5	5 ÷ 6
Maximum amount to apply	6 wet mils	6 wet mils
DILUTION:	20-40%	10-30%

SUGGESTED CYCLES:

- a) Substrate: Ash, oak, chestnut, maple, beech. Various essences
 Stain: LAM4xx SERIE – MAKOLOR properly added by specific binder
 Sealer: LBE192 – SIVODUR Acrylic Clear Sealer 1÷2 layers
 Sanding: 280-320 grain paper
 Topcoat: **LFE 39x SERIE – SIVOSAT** 1 layer
- b) Substrate: Ash, oak, chestnut, maple, beech. Various essences, also chemically bleached
 Sealer: LBE192 – SIVODUR Acrylic Clear Sealer 1÷2 layers
 Sanding: 280-320 grain paper
 Topcoat: **LFE 39x SERIE – SIVOSAT** 1 layer

DRYING-TIME (at 20°C/68°F)

Dust-free	15 min.
Dry to touch	20 min.
Stackable	4÷6 hrs.
Thoroughly dry	8÷12 hrs.

NOTES:

For special production cycles, the products of the LFE 39x series, if properly diluted can also be used as first coat directly on raw wood; before being over-applied, you must make a good sanding to avoid any problems of adhesion between coats.

Using as thinner LZD 083 it is possible to improve flowing and wetting.

The Pot-life refers at the product thinned at 20% with LZD091 at 20°C/68°F.

The Shelf life refers to products preserved in original, sealed containers.

STORAGE:

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

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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.