

TECHNICAL DATA

PRODUCT CODE/NAME	LFE 497 – SIVOSAT
DESCRIPTION	CLEAR ACRYLIC TOP COAT – for Natural Effect
HARDENER(S)	LCB 057 at 5% or LCB 047 at 10%
THINNER(S)	LZD 096 or LZD 083 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

Ash-tree, oak, chestnut, maple, beech. Wooden essences chemically bleached where it is necessary to get the natural effect.

PROPERTIES:

Very good transparency, adhesion and elasticity. Very good yellowing resistance

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	7,683 lb/USgal ± 0.100	VOCs (lb./USgal)	6.10 ÷ 6.18
Specific Weight (at 20°C/68°F)	920 g/l ± 10	VOCs (g / l)	730 ÷ 740
Solid Content % by Weight	20% ± 1	VOCs (%)	78,9 ÷ 80.9
Solid Content % by Volume	13.5% ± 1		
(Average theoretical value according with ISO 2322-3:2015)		Pot Life see notes	> 6 hrs.
Viscosity DIN Ø 4 (at 20°C/68°F)	65" ± 3"	Shelf Life see notes	12 months
Theor.Coverage # (1 dry mil)	176 ÷ 193 sqft/USgal		
# value referred to PART A + 5% LCB057 + 50% THINNER			

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LFE 497	10 parts	100%	10 parts	100%
Hardener LCB 057	0.5 part	5%	0.5 part	5%
Thinner LZD xxx	5-7 parts	50-70%	5-7 parts	50-70%

LFE 497	10 parts	100%	10 parts	100%
Hardener LCB 047	1 parts	10%	1 parts	10%
Thinner LZD xxx	4-6 parts	40-60%	4-6 parts	40-60%

GLOSS VALUE 60° angle 0 – 2 (on glass, 6 mils ready for use)

Follow TDs LFE 497

APPLICATION:	AIRMIX SPRAY	AIRLESS SPRAY
QUANTITIES (<u>ready to use</u>):		
One coat (wet mils)	5 ÷ 6	5 ÷ 6
Maximum amount to apply (in case of two coats if necessary)	10 wet mils	10 wet mils
DILUTION:	50-70%	40-60%

SUGGESTED CYCLES:

- a) Substrate: Ash, oak, chestnut, maple, beech. Various essences
Solid wood or veneered – Standard result
- | | |
|--|--------------|
| Sealer: LBE 049 – SIVODUR Acrylic Clear Sealer | 1 ÷ 2 layers |
| Sanding: 320 grain paper or scotch-brite | |
| Topcoat: LFE 497 – SIVOSAT Acrylic Top Coat | 1 layer |
- b) Substrate: Ash, oak, chestnut, maple, beech. Various essences
Solid wood or veneered – Other possibility with little more wetting
- | | |
|--|---------|
| Sealer: LFE 497 – SIVOSAT Acrylic Top Coat | 1 layer |
| Sanding: 320 grain paper or scotch-brite | |
| Topcoat: LFE 497 – SIVOSAT Acrylic Top Coat | 1 layer |

DRYING-TIME (at 20°C/68°F)

Dust-free	10 min.
Dry to touch	20 min.
Interval Coats	60-90 min. (without sanding)
Dry to sand	4-6 hrs.
Thoroughly dry	12 hrs.
Last Coat (in case of self-sealer)	6-12 hours

REMARKS:

LFE 497 can also be used as self-sealer with different final Natural Effect result compared with the application on LBE 049.

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

TDs LFE 497 – 2018, October – revision NA02

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.