

TECHNICAL DATA

PRODUCT CODE/NAME	LBA 250 – SIVODUR
DESCRIPTION	PU CLEAR SEALER for EXTERIOR
HARDENER(S)	LCB 178 at 50%
THINNER(S)	LZD 096, LZD083 or LZD 091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

Garden furniture, nautical décor, doors and window frames. For coating of wooden items with outdoor exposure.

PROPERTIES:

Excellent elasticity and abrasion resistance. Good filling power, verticality and transparency. LBA is always compatible with WB impregnating of LWW8xx series, that can be used as stain process. In case of WB impregnating of LWW2xx series (especially in darker shades), it is necessary to run some preliminary tests before proceeding with production series, as there may be cases of fish eyes.

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	8,267 lb/USgal \pm 0.100	VOCs (%)	49.8 \div 51.8
Specific Weight (at 20°C/68°F)	990 g/l \pm 10	VOCs (lb./USgal)	4.15 \div 4.32
Solid Content % by Volume	41.85%	VOCs (g / l)	498 \div 518
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	48% \div 50%		
Viscosity DIN Ø 4 (at 20°C/68°F)	65" \pm 3"	Pot Life see notes	>3 hrs.
		Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume			by weight	
LBA 250	10 parts	100%		10 parts	100%
Hardener LCB 178	5 part	50%		5 part	50%
Thinner LZD xxx	1-3 parts	10-30%		1-3 parts	10-30%

Follow TDs LBA 250

APPLICATION:	AIRMIX SPRAY	AIRLESS SPRAY
QUANTITIES (<u>ready to use</u>):		
1st coat (wet mils)	4 ÷ 6	4 ÷ 6
Following coats (wet mils)	4 ÷ 6	4 ÷ 6
Maximum amount to apply	12 wet mils	12 wet mils
DILUTION:	20-30%	10-20%
SUGGESTED CYCLES:		
a) Substrate:	Various wooden timbers	
Stain:	LWW 8xx series	
Sealer:	LBA 250 - SIVODUR	1÷3 layers
Sanding:	280-320 grain paper	
Topcoat:	LFA 88x SERIE - SIVOSAT for RXTERNAL	1 layer
b) Substrate:	Various wooden timbers	
Stain:	Compatible pigment based stains UV resistant	
Sealer:	LBA 250 - SIVODUR	3÷4 layers
Sanding:	320-400-500 grain paper	
Topcoat:	LFA 88x SERIE – SIVOSAT for EXTERNAL	1÷2 layers
DRYING-TIME (at 20°C/68°F)		
Dust-free	20-30 min.	
Dry to touch	45-50 min.	
Time between coats (without sanding)	30 min. – 2 hrs.	
Dry to sand	12 hrs.	
Thoroughly dry	24 hrs.	

REMARKS:

For a better result of covering, we suggest to sand between coats.

In case of wood staining, for varnishing cycle outdoor exposed, it is necessary to use pigment based stains. Be sure that the stain used is completely dry before to proceed with the sealer.

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

TDs LBA 250 – 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.