

SIVODUR EXT 250

PU transparent sealer for external

Rev. 4 del 11/04/2024

Product code	LBA 250
Hardener	50% LCB 178/060 by weight
Thinner	LZD 096/083/091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>



FIELDS OF APPLICATION

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.

TECHNICAL DATA

Density (20° C/68° F)		Viscosity (20° C/68° F)	
Density lb/USgal	8.267 ± 0.1	DIN 4	65" ± 5"
Density g/L	990 ± 10		
Solids content by weight	49.1% ± 1	Solids content by volume	41.9% ± 1
		According to ISO 2322-3:2015	
VOCs Actual		VOCs Regulatory	
VOCs lb/USgal	4.125 - 4.292	VOCs lb/USgal	4.125 - 4.292
VOCs g/L	494 - 514	VOCs g/L	494 - 514
VOCs %	49.9 - 51.9		
	▪		
Theor. Coverage - 1 dry mil	LBA250 +50%		438 - 452
	LCB060 +10%		ft²/USgal
	LZD096		
Pot-life A+B			3 h with LCB060
Shelf-life			24 months

DRYING TIME

Dust-free	20 - 30 min
Dry to touch	45 - 50 min
Overcoatable (without sanding)	60 - 90 min
Thoroughly dry	24 h
Ready to be sanded	12 h

PRODUCT PREPARATION

	by volume		by weight	
SIVODUR EXT 250 - LBA 250	10 parts	100%	10 parts	100%
Hardenerd LCB 178/060	5 parts	50%	5 parts	50%
Thinner LZD xxx	1 - 3 parts	10 - 30%	1 - 3 parts	10 - 30%

SIVAM COATINGS SPA

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CERTIFIED MANAGEMENT SYSTEM
ISO 9001

APPLICATION

	Spray airmix	Airless spray
First layer quantities wet mils	4 - 6	4 - 6
Following coats wet mils	4 - 6	4 - 6
Maximum amount to apply wet mils	12	12
Dilution	20 - 30%	10 - 20%

SUGGESTED CYCLES

a) Substrate	Various wooden essences	
Stain	AQUASIV 8 - LWW 8xx	
Basecoat	SIVODUR EXT 250 - LBA 250	1 - 3 layer
Sanding	280 - 320 grain paper	
Topcoat	SIVOSAT EXT 88 - LFA 88x	1 layer
b) Substrate	Various wooden essences	
Isolator	HIPOSEAL 020 - LDA020	1 - 2 layers
Basecoat	SIVODUR EXT 250 - LBA 250	1 - 2 layers
Sanding	280 - 320 grain paper	
Topcoat	SIVOSAT EXT 88 - LFA 88x	1 layer

NOTES

SIVODUR EXT 250 - LBA250 is always compatible with WB impregnator AQUASIV 8 - LWW8xx series, that can be used as stain step. 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.

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

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.

NOTICE

The information contained in this technical data sheet is based on the average results obtained in our laboratories and are to the best of our experiences. However, since the outcome of the painting is influenced by elements that do not depend on our decisions and beyond our control, no responsibility can be assumed by our company regarding the result resulting from the use of our products. The user must ensure that the product corresponds to his needs, that it is suitable for his systems and for his specific conditions of use.

THE DATA REPORTED IN THIS SHEET ARE DETERMINED AT 20°C AND 70% R.H.

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