

TECHNICAL DATA

PRODUCT CODE/NAME	<b>LBP 578 – LAKPRIMER</b>
DESCRIPTION	WHITE PU PRIMER
HARDENER(S)	LCB178 or LCB046 or LCB185 or LCB195 at 30% by Weight / 50% by Volume
THINNER(S)	LZD 096, LZD083 or LZD 091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

**MAIN FIELD OF USE:**

For cabinets, furniture and fixtures, furnishing components, frames and various wooden or MDF items. Only for interior use varnishing cycles.

**PROPERTIES:**

Excellent filling power together with white covering. Good verticality, elasticity and sandability.

**CHEMICAL-PHYSICAL PROPERTIES:**

Specific Weight (at 20°C/68°F)	12,276 lb/USgal ± 0,100	VOCs ( lb./USgal)	3.52 ÷ 3.68
Specific Weight (at 20°C/68°F)	1470 g/l ± 10	VOCs ( g / l )	421 ÷ 441
Solid Content % by Weight	70.5% ± 1	VOCs ( % )	28.1 ÷ 30.1
Solid Content % by Volume	50.1% ± 1		
(Average theoretical value according with ISO 2322-3:2015)		Pot Life <small>see notes</small>	> 3 hrs.
Viscosity DIN Ø 8 (at 20°C/68°F)	35" ± 3"	Shelf Life <small>see notes</small>	12 months
Theor.Coverage # (1 dry mil)	336 ÷ 344 sqft/USgal		
# value referred to LBP578 + 50% LCB178 + 15% THINNER			

**PREPARATION OF THE PRODUCT:**

	by volume		by weight	
LBP 578	10 parts	100%	10 parts	100%
Hardener LCB178-LCB046-LCB185	5 parts	50%	3 parts	30%
Thinner LZD xxx	1.5-3.5 parts	15-35%	1-2 parts	10-25%

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<b>APPLICATION:</b>	<b>AIRMIX</b>	<b>AIRLESS</b>
<b>QUANTITIES (<u>ready to use</u>):</b>		
<b>1<sup>st</sup> coat (wet mils)</b>	5 ÷ 6	5 ÷ 6
<b>Following coats (wet mils)</b>	5 ÷ 6	5 ÷ 6
<b>Maximum amount to apply</b>	16 wet mils	16 wet mils
<b>DILUTION:</b>	15-25%	10-20%

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**SUGGESTED CYCLES:**

a) Substrate:	MDF, Tanganika-walnut, various veneers	
Primer:	<b>LBP 578 LAKPRIMER White</b>	2 layers
Sanding:	280-320 grain paper	
Topcoat:	LFP xxx series CHROMOSAT or LACCASAT	1 layer
b) Substrate:	Baseboards, wainscots, frames and turned parts of different essences	
Primer:	<b>LBP 578 LAKPRIMER White</b>	1-3 layers
Sanding:	280-320 grain paper	
Topcoat:	LFP xxx-LGP xxx series CHROMOSAT or CHROMOGLOSS	1 layer

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**DRYING-TIME** (at 20°C/68°F)

Dust-free	15 min.
Dry to touch	50 min.
Time between coats (without sanding)	40 min. – 3 hrs
Dry to sand	6 hrs.
Over coatable	8 hrs.
Thoroughly dry	> 8 hrs.

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**REMARK:**

The primer is also available on request in different colors. It is possible to shade the LBP 578 using the pigmented pastes of the range LXT 8xx up to a maximum of 5% without changing the characteristics of the product. Concerning the possibility to use different hardeners: LCB178 standard version (all technical data reported in this TDS are related to LCB178); with LCB046 it gets better elasticity; with LCB185 it gets fast drying (but less elasticity). Using LCB195 non-yellowing hardener it is possible to attribute to the primer non-yellowing characteristics.

On very porous substrates we suggest to apply before the primer, one coat of isolator LBP 541 or LDA 001.

To improve adhesion between coats and covering, we suggest to sand in between.

Do not use the product on substrates that have a certain natural movement.

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**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.