

TECHNICAL DATA

PRODUCT CODE/NAME	LBP 541 – LAKPRIMER
DESCRIPTION	PU PRIMER ISOLATOR for MDF and CLEAR BASE FOR DARK SOLID COLOURS
HARDENER(S)	LCB046 or LCB178 or LCB185 or LCB195 at 50% by Weight By Volume, 65%
THINNER(S)	LZD 096 or LZD 091 or LZD 083 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

PU isolator to be used as first coat on flat panels and shelves, cabinet doors, doors, part of furniture, frames and various objects in MDF. Particularly suitable for insulating panto-graphed pieces. It is also used to prepare PU pigmented primers by the addition of the LXT8xx series pastes. Only for interior use varnishing cycles.

PROPERTIES:

Excellent filling and insulating properties. Good verticality, flowing and wetting, together with very good sandability

CHEMICAL-PHYSICAL PROPERTIES:

Specific Weight (at 20°C/68°F)	10.271 lb/USgal ±0. 10	VOCs (%)	36.12 ÷ 38.12
Specific Weight (at 20°C/68°F)	1230 g/l ± 10	VOCs (lb./USgal)	3.88 ÷ 4.05
Solid Content % by Volume	46.6%	VOCs (g / l)	465 ÷ 485
(Average theoretical value according with ISO 3233-3:2015)			
Solid Content % by Weight	61.5% ÷ 63.5%		
Viscosity DIN Ø 8 (at 20°C/68°F)	43" ± 3"	Pot Life see notes	➤ 3 hrs.
Viscosity Brookfield (at 20°C/68°F)	n.a.	Shelf Life see notes	12 months

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LBP 541	10 parts	100%	10 parts	100%
Hardener LCB046-LCB178-LCB185	6 parts	60%	5 parts	50%
Thinner LZD xxx	2-3 parts	10-30%	1-3 parts	10-30%

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APPLICATION:	AIRMIX	AIRLESS	CURTAIN
QUANTITIES (ready to use):			
1st coat (wet mils)	4 ÷ 6	4 ÷ 6	4 ÷ 6
2nd coats (wet mils)	4 ÷ 6	4 ÷ 6	4 ÷ 6
Maximum amount to apply	12 wet mils	12 wet mils	12 wet mils
Note: this is valid also for colored version			
DILUTION:	15-25%	10-20%	10-15%

SUGGESTED CYCLES:

a) Substrate:	MDF		
Insulator:	LBP 541 LAKPRIMER		1 layer
Sanding:	280-320 grain paper		
Primer:	LBP 578 LAKPRIMER White		1÷2 layers
Sanding:	280-320 grain paper		
Topcoat:	LFP xxx series CHROMOSAT or LACCASAT		1 layer
b) Substrate:	MDF		
Insulator:	LBP 541 LAKPRIMER		1 layer
Sanding:	280-320 grain paper		
Primer:	LPP 507 LHIPOFOND White		1÷2 layers
Sanding:	280-320 grain paper		
Topcoat:	LFP xxx series CHROMOSAT or LACCASAT		1 layer
	LGP xxx series CHROMOGLOSS		1 layer
c) Substrate:	MDF		
Insulator:	LBP 541 LAKPRIMER + LXT8xx pastes		1÷2 layers
Sanding:	280-320 grain paper		
Topcoat:	LFP xxx series CHROMOSAT or LACCASAT		1 layer

DRYING-TIME (at 20°C/68°F)

Dust-free	15 min.
Dry to touch	30-35 min.
Time between coats (without sanding)	40 min. – 2 hrs
Dry to sand	6 hrs.
Over coatable	8 hrs.
Thoroughly dry	12 hrs

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REMARK:

The product LBP541 can be used to obtain pigmented primer of different colors. For coloring, add the pigmented pastes LXT8xx series in the dosage required to achieve the desired color, up to the maximum weight ratio 85/15 (LAKPRIMER / PASTES).

The chemical and physical data refer to the product as it is (without pastes) and considering as standard hardener the catalyst LCB 046.

LCB 046 provide good drying time, good sanding and very good elasticity.

LCB 178 keeps good elasticity and provides better drying time and sanding.

LCB1 85 improve a lot the drying and reduce the sanding time. With this hardener it is very important to take under control the application, paying attention at limiting applied quantity (max. 2 coats to 4-6 mils and no more).

It is also possible to foresee as hardener the catalyst LCB 195 as non-yellowing product in varnishing cycle where is requested these characteristics.

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.



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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.