

TECHNICAL DATA

PRODUCT	LXC 90x SERIE
DEFINITION	CONVERTERS for CHROMOSAT (LFP _{xxx})
HARDENER(S)	LCB 195 or LCB 190 (N.Y.) at 50% by weight / by volume, LCB 185 (Yellowing type) at 50% by weight / by volume
THINNER(S)	LZD 096 or LZD 083 or LZD 091 for dilution ratio, see <i>PREPARATION OF THE PRODUCT</i>

MAIN FIELD OF USE:

Converter designed for making of pigmented PU matt topcoats, by the addition of Universal Pastes LXT8xx, in ratio CONVERTER : PASTE ---> from 70 : 30 to 60 : 40 .

Furniture and fittings, frames, various objects. Particularly suitable for application on shaped parts, chairs, turned parts, etc. For interior use only.

PROPERTIES:

Very high covering power, very good filling and verticality. Excellent softness, surface hardness and flowing.

CHEMICAL-PHYSICAL PROPERTIES:

Specific Gravity (at 20°C/68°F)		Viscosity (at 20°C/68°F)	
Specific Gravity lb./USgal	8,225 ± 0.100	DIN Ø 4	80'' ± 3''
Specific Gravity g / l	985 ± 10		
Solid Content by Weight	45,5% ± 1	Solid Content by Volume	37,9% ± 1
		Average theoretical value according with ISO 2322-3:2015	
VOCs Actual (MATERIAL)		VOCs Regulatory (LESS WATER and EXEMPT SOLVENTS)	
VOC lb./USgal	4,401 ÷ 4,568	VOC lb./USgal	4,401 ÷ 4,568
VOC g / l	527 ÷ 547	VOC g / l	527 ÷ 547
VOC %	53,5 ÷ 55,5		
Theor.Coverage - 1 dry mil (value referred to LXC90x+50% LCB195 b.w.+20% LZD096 b.w.)			346 ÷ 359 sqft/USgal
Pot-life			> 3 hours
Shelf Life			24 months

PREPARATION OF THE PRODUCT:

	by volume		by weight	
LXC 90x	10 parts	100%	10 parts	100%
Hardener LCB 195/190/185	5 parts	50%	5 parts	50%
Thinner LZD xxx	1.5-2.5 parts	15-25%	1.5-2.5 parts	15-25%

REMARK:

As the product belongs to a tintometric system, the chemical-physical characteristics can change according to the obtained color.

The above information refers to the clear converter as furnished.

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GLOSS LEVELS AVAILABLE: (before pastes addition)

LXC900 = $18 \div 22$	LXC902 = $10 \div 13$	LXC903 = $7 \div 10$
LXC904 = $2 \div 5$	LXC906 = $63 \div 67$	LXC908 = $78 \div 82$

APPLICATION:	AIRMIX	AIRLESS
QUANTITIES (<u>ready to use</u>):		
1st coat (wet mils)	$6 \div 7$	$6 \div 7$
Maximum amount to apply	8 wet mils	8 wet mils
DILUTION:	15-25%	10-20%

SUGGESTED CYCLE:

Substrate: MDF, Various essences	
Primer: LBP 578 or LBP 653 – LAKPRIMER	2-3 layers
Sanding: 280-320 grain paper	
Topcoat: LFP xxx CHROMOSAT (LXC90x+LXT PASTES)	1 layer

DRYING-TIME (at 20°C/68°F)

Dust-free	20-30 min.
Dry to touch	40-50 min.
Handleable	8-12 hrs.
Thoroughly dry	16-24 hrs.

These values may be affected by temperature and weather condition, or by unfavorable environmental conditions.

NOTES:

For the preparation of the color: add to the CONVERTER the pigmented pastes LXT8xx of the serie CHROMOPAST in the necessary ratio to obtain the wished shade. Mix well, preferably using a mechanical mixer, then catalyze and dilute. The ratio of catalyst and thinner refers to the pigmented product.

LCB190 and LCB195 are non-yellowing hardeners. The use of LCB190, in addition to the yellowing resistance, gives to the product also an improvement of the chemical and mechanical resistances. LCB185 does not provide any yellowing resistance.

Using LZD083 can be improved flowing and levelling during application.

Due to its characteristics, the product cannot be used as transparent topcoat.

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.