



Technical Data Sheet

PRODUCT

LGA2X series

TECHNICAL DEFINITION

POLIURETHANE SATIN FINISHES AT HIGH SOLIDS CONTENT
VERY GOOD FILLING POWER, GOOD SURFACE HARDNESS WITH
EXCELLENT SMOOTHNESS

MAIN FIELDS OF APPLICATION

Matt top coats for furniture, doors, frames, profiles, chairs and all
wood turnings in general

CHEMICAL-PHYSICAL PROPERTIES

Specific gravity	0.982±0.03	gr/ml
Solid content I component	44% ± 2%	
Solid content II component		
Viscosity (FC4)	42" ± 2"	

PRODUCT USE

	<i>In weight</i>	<i>In volume</i>
Catalysis (code)	50% LNB 77 or LNB7	
Dilution (code)	10-30% LZC1026 or LZC 1051	

FEATURES OF READY TO USE PRODUCT

Solid content I + II component	40% ± 2%
Pot-Life	3 hours
Viscosity (FC4)	23" ± 2"
Gloss level	-Gloss level of series (UNICHIM411)
	LGA020 semi-glossy = 73 ± 2 gloss
	LGA20 medium glossy = 53 ± 2 gloss
	LGA21 satin = 40 ± 2 gloss
	LGA210 semi matt = 30 ± 2 gloss
	LGA22 matt = 22 ± 2 gloss
	LGA23 deep matt = 14 ± 2 gloss
	LGA24 extra matt = 5 ± 2 gloss

APPLICATION

QUANTITIES

DILUTION

Spray	120-140 g/m2
Electrostatic spray	
Curtain	120-140 g/m2
Dipping	
Brush/roller	

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PRODUCT PROPERTIES AFTER APPLICATION

Drying schedule at room temperature	
Drying with hot air tunnel	
Dust free/time gel	15 min
Touch dry	45 min
Hard dry	4 hours
Sandable after (time)	
Time between layers without sanding	
Time between layers	

Overcoatable with top-coat after (min / max)

REMARKS

RACCOMANDED COATING SCHEDULES

- SUBSTRATE	Walnut veneer or solid wood
- STAIN	CLT kromolux series
- BASE COAT	LBA26 Polyurethane sanding sealers - 2 or 3 coats
- TOP COAT	LGA20 matt finish

OBSERVATIONS

- This polyurethane matt finish can be applied by curtain coater, not used in coating schedules which require stacking after air dry in tunnel
- To improve flow-out, use 2% - 3% of LZC 1051 or LTC4.
- To obtain faster drying times, and improved hardness, the LGA20 series can be catalyzed with 50% of LNB 14 or LNB 500. This will also cause a gloss reduction of about 10 compared to the LNB77 levels.
- At temperatures above 25°C, it becomes necessary to dilute the LGA 20 series with 30% to 50% of LZC 8643
- This top coat cannot be applied directly over raw wood.

SHELF LIFE

8 months from delivery date

Storage indications

- Store in a tightly closed container and at room temperature 18-25°C, 64-75°F and protect from moisture and foreign material

Emission Date: July 2007 Revision nr IV

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IMPORTANT: Since every single panel or any other substrate, even if of the same chemical nature, can be theoretically different than the previous one and possess chemical and physical properties which can greatly influence the end-results of the applied coating, and considering that the mixing, catalysis and diluting operations are not under our strict control, nor are temperatures, air humidity and technical features of the various installations, which can also affect the end-results, subject to our personal decision at the time of application, it is impossible for our Company to assume any responsibility whatsoever in regard to the results obtained with the use of our products.

Furthermore we underline the fact that in industrial applications, a tolerance of 5% in the overall results is considered normal and is definitely not caused by the quality of the products employed.

The technological information contained in the present technical data sheet are based on the average results obtained with the tests effects in our laboratories, and as such represents the most complete informant and technological experience available in the wood coating field.

Our company instead gives the maximum assurance as to the constancy of the chemical and physical properties of our products within the tolerance limits indicated on our technical data sheet. Our Company is also always ready to substitute any of our products, whenever the properties do not correspond to the information given in our technical bulletins.

Nevertheless, the end-results obtained are under the complete responsibility of the end-user, who has the obligation to verify if the properties of the specific products in use correspond to his particular requirements, and if the ambient conditions, application, installation and substrates might eventually indicate substantial modifications of the products involved.

All the information in our technical data sheet has been obtained at a temperature of 20° Centigrade and at a relative humidity of 70%.

At the bottom of our technical data sheet, You will find a date and a progressive number. We request You have your own personnel to control the edition in your possession as all technical information is always susceptible to eventual modification with the passage of time.

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