



Technical Data Sheet

PRODUCT	LGA 531 + 535
TECHNICAL DEFINITION	POLYURETHANE TOP COATS FOR ELECTROSTATIC APPLICATION. EXCELLENT TURN-AROUND, NO-SAG AND HIGH FILLING POWER.
MAIN FIELDS OF APPLICATION	Air-assisted, electrostatic spray applications for turnings, chairs and frames.

CHEMICAL-PHYSICAL PROPERTIES

Specific gravity	0,970 ± 0,01	gr/ml
Solid content I component	44% ± 2%	
Solid content II component		
Viscosity (Ford Cup ISO6)	32" ± 3"	

PRODUCT USE

	<i>In weight</i>	<i>In volume</i>
Catalysis (code)	50% LNB 500	
Dilution (code)	10-30% LZC 1026	

FEATURES OF READY TO USE PRODUCT

Solid content I + II component		
Pot-Life	3 hours	
Viscosity (REGULATION)		
Gloss level	- Gloss level of series (UNICHIM 411)	
	LGA 531	= 65 ± 2 gloss
	LGA 532	= 45 ± 2 gloss
	LGA 533	= 20 ± 2 gloss
	LGA 534	= 30 ± 2 gloss
	LGA 535	= 10 ± 2 gloss

APPLICATION	QUANTITIES	DILUTION
Spray	80-100 gr/m2	10-30%
Electrostatic spray		
Curtain		
Dipping		
Brush/roller		

PRODUCT PROPERTIES AFTER APPLICATION

Drying schedule at room temperature	
Drying with hot air tunnel	
Dust free/time gel	15'
Touch dry	45'
Hard dry	4 hours
Sandable after (time)	

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Time between layers without sanding

Time between layers

Overcoatable with top-coat after (min / max)

REMARKS

RACCOMANDED COATING SCHEDULES

- | | | |
|----|------------------|--|
| a) | - SUBSTRATE | Beech wood |
| | - STAIN | CFT Kromofix series – dipping application |
| | - SANDING SEALER | LBA 523 electrostatic polyurethane sealer coat |
| | - TOP COAT | LGA 531 ÷ 535 polyurethane finishes |

OBSERVATIONS

- Bear in mind that the wetting power of the satin finish is lower, the fresher the sealer coat is.
- To obtain better filling power use LNB 42 (50%) instead of LNB 500.
- Our experience indicates that the acid- cure finishes can be applied to the LBA 523 sealer even after 1hour, whereas, polyurethane top coats, require 2 –4 hours intervals before application.

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

IMPORTANT: Since every single panel or any other substrate, even if of the same chemical nature, can be theoretically different then the previous one and posses 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 effect 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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