



## Technical Data Sheet

**PRODUCT** CLT "KROMOLUX" series

**TECHNICAL DEFINITION** WOOD STAINS WITHOUT BINDER.  
EXCELLENT TRANSPARENCY, VERY HIGH CONCENTRATION,  
CAN BE OVER COATED WITH POLYESTER, POLYURETHANE AND  
NITROCELLULOSE LACQUERS.

**MAIN FIELDS OF APPLICATION** Spray application of stains for all kinds of furniture, profiles  
frames, wooden articles in general.

<b>CHEMICAL-PHYSICAL PROPERTIES</b>		
Specific gravity	- specific gravity a 20°C CLT 1-CLT 3-CLT 9 – CLT5- CLT 11- CLT 12 – CLT 7 – CLT18-CLT19	= 0,965 ± 0,05
	CLT 2- CLT 8 – CLT 4 – CLT 6	= 0,945 ± 0,05
	CLC 20	= 1,044 ± 0,01
	CLC 30	= 0,925 ± 0,01
	CLT 10	=1,215± 0,05
Solid content		
Viscosity (ISO 3 - 4 – 6 Ford 8)	- viscosity CLT 1-CLT 2-CLT 3-CLT 4-CLT 5- CLT 6- CLT 7 - CLT 8 - CLT 9 – CLT 18-CLT 11-CLT12-CLT19	= 24" ± 2" ISO 3 at 20°C
	CLT 10	=15± 1" Ford 8 at 20°C
	CLC 20	= 61" ± 4"ISO 4 at 20°C
	CLC 30	=51" ± 2"ISO 6 at 20°C

<b>PRODUCT USE</b>	<i>In weight</i>	<i>In volume</i>
Thinner = LZC 1000 – LZC 1024 - LZC 97 – LTC 5 – Water		

<b>FEATURES OF READY TO USE PRODUCT</b>	
Viscosity	-

<b>APPLICATION</b>	<b>QUANTITIES</b>	<b>DILUTION</b>
Manual spray	5-20gr/m <sup>2</sup>	500-800%
FIXED AUTOMATIC AIR-MIX SPRAY GUN	10-20 gr/ m <sup>2</sup>	500-800%

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FIXED AUTOMATIC AIR-LESS SPRAY GUN	10-20 gr/ m <sup>2</sup>	500-800%
AUTOMATIC SWINGING ARM SPRAY GUN	10-20 gr/ m <sup>2</sup>	500-800%
AUTOMATIC ROTATING SPRAY GUN (carousel)	5-20 gr/ m <sup>2</sup>	700-1500%

### PRODUCT PROPERTIES AFTER APPLICATION

Drying schedule at room temperature (20°C)	a) using LZC 1000 as thinner	= 30''
	b) using water as thinner	= 8 h.
Drying time with IR tunnel + warm air 60°C	a) using LZC 1000 as thinner	= 10'
	b) using water as thinner	= 20'
Overcoatable with sealer after (time)	a) using LZC 1000 as thinner	= after 1'
	b) using water as thinner	= after 8 h.
Kinds of vehicles		
Removing with steel wool or with scotch brite after (min/max)		
Wiping after min / max		
Particular remarks related to over-coating		

### REMARKS

The series is composed by the following base colors:

CLT 1 intense yellow  
CLT 2 orange  
CLT 3 red  
CLT 8 blue  
CLT 9 black  
CLT 10\* white  
CLT 11 yellow  
CLT 12 brown

And by the following composed colors:

CLT 4 antique walnut  
CLT 5 light walnut  
CLT 6 blonde walnut  
CLT 7 classic walnut  
CLT 18 mahogany  
CLT19 wengè

\* CLT10 can't be diluted with water

#### SUGGESTED DILUTIONS:

With solvent: 1 part CLT Kromolux series  
0,5 parts LZC 97  
9,5 parts LZC 1000

With water: 1 parte CLT Kromolux series  
1 parte LZC 97  
14 part water



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### **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: October '06

Revision nr: I

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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