Technical Data Sheet

Product	**CLT4 Color/Series**	
Description	Solvent-based stains	
Code/Colour	**CODE**	**COLOUR**
	CLT4	Antique walnut
	CLT5	Medium walnut
	CLT6	Fair walnut
	CLT7	Walnut
	CLT14	Tobacco
	CLT18	Mahogany
	CLT19	Wengé
	CLT21	Cherry wood
	CLT22	Dark walnut
	CLT23	Rosewood
Woods for which the product is suitable	Non resinous softwood	
	Light colour hardwood	
	Dark colour hardwood	
Substrates for which the product is suitable	Veneer	
	Solid wood	
	Engineered wood, reconstituted wood, fine line	

Chemical-physical Properties

CODE	Density (Kg/l)	Density (lb/US gal)	Solid content %
CLT4	0,966 ± 0,030	8,1 ± 0,3	5,0 ± 2
CLT5	0,960 ± 0,030	8,0 ± 0,3	7,0 ± 2
CLT6	0,963 ± 0,030	8,0 ± 0,3	7,0 ± 2
CLT7	0,971 ± 0,030	8,1 ± 0,3	9,0 ± 2
CLT14	0,965 ± 0,030	8,1 ± 0,3	7,0 ± 2
CLT18	0,959 ± 0,030	8,0 ± 0,3	6,0 ± 2
CLT19	0,965 ± 0,030	8,1 ± 0,3	7,0 ± 2
CLT21	0,370 ± 0,030	3,1 ± 0,3	5,0 ± 2
CLT22	0,987 ± 0,030	8,2 ± 0,3	6,0 ± 2
CLT23	0,959 ± 0,030	8,0 ± 0,3	6,0 ± 2
	Viscosity (EN ISO 2431) ISO 3 cup	21 ± 2	

USAGE INDICATIONS

Complementary products		**Quantities**	
Thinner	LZC1024	**In weight w/w %**	700
		In volume v/v %	729

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READY TO USE PRODUCT PROPERTIES (AVERAGE)						
	Solid content 1st + 2nd component (%)	6,5	±	2		
	Viscosity (EN ISO 2431) ISO 3 cup	18	±	2		
Application	Application system	Quantities				
	Hand spray	gr/m² min-max:		30	-	70
		Wet Mils min-max		1,4	-	3,2
	Rag	gr/m² min-max:		20	-	70
		Wet Mils min-max		0,9	-	3,2
	Spray followed by wiping	gr/m² min-max:		30	-	70
		Wet Mils min-max		1,4	-	3,2
PRODUCT PROPERTIES AFTER APPLICATION						
Drying						
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	30 min				
	Hard dry	1 h				
	Overcoatability time between layers	1 h				
	IR lamps drying	10 min				
Complementary products		Quantities				
Thinner	LZC1000	In weight w/w %				700
		In volume v/v %				747
READY TO USE PRODUCT PROPERTIES (AVERAGE)						
Application	Solid content 1st + 2nd component (%)	6,5	±	2		
	Viscosity (EN ISO 2431) ISO 3 cup	15	±	2		
	Application system	Quantities				
	Hand spray	gr/m² min-max:		30	-	50
		Wet Mils min-max		1,4	-	2,3
PRODUCT PROPERTIES AFTER APPLICATION						
Drying						
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	20 min				
	Hard dry	1 h				
	Overcoatability time between layers	1 h				
	IR lamps drying	5 min				

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Complementary products		Quantities			
Thinner	Water	In weight w/w %			700
		In volume v/v %			635
Application	Solid content 1st + 2nd component (%)	6,5	±	2	
	Viscosity (EN ISO 2431) ISO 3 cup	18	±	2	
	Application system	Quantities			
	Hand spray	gr/m² min-max:	30	-	70
		Wet Mils min-max	1,2	-	2,8
	Rag	gr/m² min-max:	30	-	90
		Wet Mils min-max	1,2	-	3,6
	Spray followed by wiping	gr/m² min-max:	20	-	70
		Wet Mils min-max	0,8	-	2,8
PRODUCT PROPERTIES AFTER APPLICATION					
Drying					
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	60 min			
	Hard dry	1 h			
	Overcoatability time between layers	1 h			
	IR lamps drying	30 min			
Shelf life	18 months after production				
SPECIFIC WARNINGS	The use of CLT4-6-7 is strongly discouraged on veneer and tannin rich woods (e.g.: chestnut, oak) The use of deionised water for thinning is strongly recommended The use of proper binders (e.g: CLC30, CLC20) allows controlling dyes penetration in wood, modifying uniformity and yield				

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WARNINGS

In a coating process with professional products:

- besides the product quality, the final result also depends on numerous other variables, such as environmental conditions; homogeneity in the quality of the support; the constancy of the application cycle; the plants performance; the proper use of the product, etc.
- in the process of industrial coating a certain waste of product is to be considered normal and therefore not attributable to product quality
- The final colour is influenced by the quality and preparation of the support and the conditions of application, for this reason it is essential to check in advance the result in terms of final use

Our Company cannot ensure the control of the coating process carried out by the user. We cannot, therefore, take on any responsibility for the final result achieved through the use of our products.
On the other hand, we guarantee the consistency of the chemical and physical characteristics of the product indicated in the relevant Technical Data Sheet, pledging to replace it if it does not correspond to the declared features
Data on the chemical and physical characteristics of the product are recorded at 20°C / 68°F and 70% R.U.

For best results, the optimum conditions of application are:

- Ambient temperature between 18 and 22°C (64 - 72 °F)
- ambient relative humidity between 65 and 70%
- support humidity between 8 and 14%

The conditions to be observed scrupulously are:

- Water-based products are particularly sensitive to storage conditions: temperatures below 5 °C / 41°F and above 35 °C / 95°F may affect the product, characteristics, making it unusable. For this reason, a water-based product should be stored indoors at temperatures not below 5 °C and not above 35 °C / 95°F, in a properly ventilated place, not exposed to solar radiation
- A solvent-based product should be stored indoors at temperatures not below 0 °C / 32°F or above 35 °C / 95°F, in a properly ventilated place, not exposed to solar radiation
- In case a storage temperature below 15 °C / 59°Fis detected, the product should be restored at the optimal temperature of 18-22°C (64-72°F). before use
- Always shake the products well before use
- Before use, always shake well the product mixed with any other components such as catalysts, accelerators, thinners
- The application must not take place at a temperature lower than 15 °C / 59°F or above 30°C / 86°F
- The drying should not take place at a temperature below 15 °C / 59°F
- The ambient relative humidity during drying should be between 50% and 70%
- To decant paints, exclusively use containers made of suitable material, such as polyethylene and stainless steel
- After use, we recommend that you always close the can carefully

The end result of the coating cycle is the sole responsibility of the users, who must make sure that the product matches their needs and that environmental conditions, application or media specifications do not require substantial changes of use

It is the user's responsibility:

- Adhere to the conditions indicated above
- comply with the rules of hygiene and safety during product application, according to the descriptions given in the safety data sheets
- for solvent-based products spark-proof equipment should be used
- It is forbidden to smoke while using the product

At the bottom of each sheet there is a date of validity
The Company invites you to check with their staff that the product data sheet in your possession is the most updated, since the characteristics of the products are subject to adjustments over time
For more information, please contact (see below):

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