Technical Data Sheet

Product	**LRR16**				
Description	Polyester pigmented basecoat				
Colour	White				
Woods for which the product is suitable	Resinous softwood				
	Light colour hardwood				
	Dark colour hardwood				
Substrates for which the product is suitable	Veneer				
	Solid wood				
	MDF (Medium Density Fiberboard)				
	Honeycomb panels				
	Chipboard				
Chemical-physical Properties	**Density (Kg/l)**	1,431	±	0,030	
	Density (lb/US gal)	11,9	±	0,3	
	Solid content (theoretical) 1st component (%) (The theoretical solid content considers also the reactive volatile part. The real value depends upon application conditions and can be determined with practical tests on the plant in use)	93,7	±	2	
	Viscosity (Ford 8 cup)	21	±	2	
USAGE INDICATIONS					
Complementary products		**Quantities**			
Catalyst	LOB810	**In weight w/w %**			2
		In volume v/v %			2,6
	Solid content %	95,0	±	2	
Accelerator	LOB828	**In weight w/w %**			2
		In volume v/v %			3,1
	Solid content %	12,8	±	2	
Thinner	LZC1000	**In weight w/w %**			10
		In volume v/v %			18

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READY TO USE PRODUCT PROPERTIES		
	Solid content (theoretical) 1st + 2nd + 3th component (%) (The theoretical solid content considers also the reactive volatile part. The real value depends upon application conditions and can be determined with practical tests on the plant in use)	92,2 ± 2
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)	20-30 min
	Pot-Life - accelerated part (maximum pot-life of the product prepared according to usage indications)	72 h
	Pot-Life - catalyzed part (maximum pot-life of the product prepared according to usage indications)	8 h
	Viscosity (Ford 4 cup)	25 ± 2
Application	Application system	Quantities
	Airless spray (for automatic plants)	gr/m² min-max: 150 - 300
		Wet Mils min-max 4,5 - 9,0
	Airmix spray (for automatic plants)	gr/m² min-max: 150 - 300
		Wet Mils min-max 4,5 - 9,0
	Robot spray	gr/m² min-max: 150 - 300
		Wet Mils min-max 4,5 - 9,0
	Hand spray	gr/m² min-max: 150 - 300
		Wet Mils min-max 4,5 - 9,0
PRODUCT PROPERTIES AFTER APPLICATION		
Drying		
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	24 h
	Gel time	20-35 min
	Dust free	40-50 min
	Touch dry	60-90 min
	Hard dry	12 h
	Stackable after room temperature drying	12 h
	Sandable after (time)	24 h
	Overcoatability time	24 h
	Overcoatability time between layers	GEL min
	Maximum time between layers without sanding	2 h

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Complementary products		Quantities	
Properties	Longer pot-life		
Catalyst	LOB5	In weight w/w %	2
		In volume v/v %	2,6
	Solid content %	80,0 ± 2	
Accelerator	LOB828	In weight w/w %	2
		In volume v/v %	3,1
	Solid content %	12,8 ± 2	
Thinner	LZC1000	In weight w/w %	10
		In volume v/v %	18
READY TO USE PRODUCT PROPERTIES			
	Solid content (theoretical) 1st + 2nd + 3th component (%) (The theoretical solid content considers also the reactive volatile part. The real value depends upon application conditions and can be determined with practical tests on the plant in use)	91,9 ± 2	
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)	60-90 min	
	Pot-Life - accelerated part (maximum pot-life of the product prepared according to usage indications)	72 h	
	Pot-Life - catalyzed part (maximum pot-life of the product prepared according to usage indications)	8 h	
	Viscosity (Ford 4 cup)	25 ± 2	
Application	Application system	Quantities	
	Airless spray (for automatic plants)	gr/m² min-max:	150 - 300
		Wet Mils min-max	4,5 - 9,0
	Airmix spray (for automatic plants)	gr/m² min-max:	150 - 300
		Wet Mils min-max	4,5 - 9,0
	Robot spray	gr/m² min-max:	150 - 300
		Wet Mils min-max	4,5 - 9,0
	Hand spray	gr/m² min-max:	150 - 300
		Wet Mils min-max	4,5 - 9,0

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PRODUCT PROPERTIES AFTER APPLICATION		
Drying		
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	24 h
	Gel time	35-40 min
	Dust free	60 min
	Touch dry	90-100 min
	Hard dry	12 h
	Stackable after room temperature drying	12 h
	Sandable after (time)	24 h
	Overcoatability time	24 h
	Overcoatability time between layers	GEL min
	Maximum time between layers without sanding	3 h
Shelf life	6 months after production	

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:

- Never directly mix accelerator and catalyst, as it would produce a very violent exothermic reaction, with a risk of fire. The correct way to operate in the absence of equipment that allow handling these components separately is as follows: thoroughly mix the product with the accelerant and any thinner, add the catalyst, mix and use as soon as possible
- 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°F is detected, the product should be restored at the optimal temperature of 18-22 °C (64-72°F). before use. Polyesters containing paraffin need being solubilized before use. The correct method is to bring the product to 40°C / 104°F for at least 15 minutes, then bring it to the application temperature indicated above
- 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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