



## Technical Data Sheet

Product	LRA870			
Description	Polyester clear glossy top-coat			
Color	Clear			
Chemical-physical Properties	Density (Kg/l)	1,029	±	0,030
	Density (lb/US gal)	8,6	±	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)	91,7	±	2
	Viscosity (EN ISO 2431) ISO 6 cup	19	±	2
USAGE INDICATIONS				
Additional products		Quantities		
Accelerator	LOB818	In weight w/w %	2	
		In volume v/v %	2,2	
	Solid content %	13,6	±	2
Catalyst	LOB810	In weight w/w %	2	
		In volume v/v %	1,8	
	Solid content %	62,0	±	2
Thinner	LZC1000	In weight w/w %	45	
		In volume v/v %	59	
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)	89,6	±	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)	14	±	1



Application	Application method	Quantities			
	Airless spray (for automatic plants)	gr/m² min-max:	100	-	120
		Wet Mils min-max	4,2	-	5,0
	Airmix spray (for automatic plants)	gr/m² min-max:	100	-	120
		Wet Mils min-max	4,2	-	5,0
	Hand spray	gr/m² min-max:	100	-	120
Wet Mils min-max		4,2	-	5,0	
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	30-50 min			
	Dust free	50 min			
	Touch dry	2 h			
	Hard dry	12 h			
	Stackable after room temperature drying	24 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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