Technical Data Sheet

Product	**KGA1x SheenSeries**									
Description	Neutral polyurethane top-coats									
Guarantee, Regulation, Certification	EN71/3 (2013)									
Color	Neutral pigmentable									
Chemical-physical Properties										
CODE	**Density (Kg/l)**			**Density (lb/US gal)**			**Solid content %**			
KGA2	1,000	±	0,030	8,3	±	0,3	45,5	±	2	
KGA1	1,006	±	0,030	8,4	±	0,3	47,4	±	2	
KGA4	1,000	±	0,030	8,3	±	0,3	48,5	±	2	
(series average values)	**Viscosity (EN ISO 2431) ISO 6 cup**			75	±	5				
USAGE INDICATIONS										
Additional products				**Quantities**						
Hardener	LNB77			**In weight w/w %**			50			
				In volume v/v %			51,7			
	Solid content %			23,4	±	2				
Thinner	LZC8643			**In weight w/w %**			30			
				In volume v/v %			35			
READY TO USE PRODUCT PROPERTIES (AVERAGE)										
	Solid content 1st + 2nd component (%)			38,1	±	2				
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)			3 h						
	Viscosity (Ford 4 cup)			16	±	2				
Code/Sheen	**CODE**			**Sheen level EN ISO 2813 (angle measurement 60°)**						
				applied micron:	140					
				Wet Mils:	5,5					
	KGA2			**Sheen**	50	±	3			
	KGA1			**Sheen**	20	±	2			
	KGA4			**Sheen**	10	±	1			
Application				**Quantities**						
	Robot spray			**gr/m² min-max:**	120	-	160			
				Wet Mils min-max	4,9	-	6,5			
	Hand spray			**gr/m² min-max:**	120	-	160			
				Wet Mils min-max	4,9	-	6,5			

PRODUCT PROPERTIES AFTER APPLICATION					
Drying					
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	18 h			
	Dust free	15 min			
	Touch dry	30 min			
	Hard dry	18 h			
	Overcoatability time	2 h			
Additional products		Quantities			
Properties	Good Yellowing resistance				
Hardener	LNB20	In weight w/w %			50
		In volume v/v %			52,1
	Solid content %	25,0	±	2	
Thinner	LZC8643	In weight w/w %			30
		In volume v/v %			35
READY TO USE PRODUCT PROPERTIES (AVERAGE)					
	Solid content 1st + 2nd component (%)	38,7	±	2	
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)	3 h			
	Viscosity (Ford 4 cup)	16	±	2	
Code/Sheen	CODE	Sheen level EN ISO 2813 (angle measurement 60°)			
		applied micron:	140		
		Wet Mils:	5,5		
	KGA2	Sheen	55	±	4
	KGA1	Sheen	22	±	2
	KGA4	Sheen	11	±	1
Application		Quantities			
	Robot spray	gr/m² min-max:	120	-	160
		Wet Mils min-max	4,9	-	6,5
	Hand spray	gr/m² min-max:	120	-	160
		Wet Mils min-max	4,9	-	6,5

PRODUCT PROPERTIES AFTER APPLICATION					
Drying					
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	12 h			
	Dust free	15 min			
	Touch dry	30 min			
	Hard dry	12 h			
	Overcoatability time	2 h			
Additional products		Quantities			
Properties	Excellent Yellowing resistance				
Hardener	LNB190	In weight w/w %			50
		In volume v/v %			53,2
	Solid content %	26,2	±	2	
Thinner	LZC8643	In weight w/w %			30
		In volume v/v %			35
	Solid content 1st + 2nd component (%)	39,1	±	2	
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)	3 h			
	Viscosity (Ford 4 cup)	16	±	2	
Code/Sheen	CODE	Sheen level EN ISO 2813 (angle measurement 60°)			
		applied micron:	140		
		Wet Mils:	5,5		
	KGA2	Sheen	52	±	3
	KGA1	Sheen	21	±	2
	KGA4	Sheen	11	±	1
Application		Quantities			
	Robot spray	gr/m² min-max:	120	-	160
		Wet Mils min-max	4,9	-	6,6
	Hand spray	gr/m² min-max:	120	-	160
		Wet Mils min-max	4,9	-	6,6

PRODUCT PROPERTIES AFTER APPLICATION		
Drying		
	Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying	18 h
	Dust free	20 min
	Touch dry	40 min
	Hard dry	18 h
	Overcoatability time	2 h
Shelf life	18 months after production	
SPECIFIC WARNINGS	To be used in combination with XXX ColorSeries pigmented pastes up to XX% in order to obtain Dark colors The opacity indicated in the technical data sheet refers to the mixture between neutral top-coat and pigmented pastes	

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:

- 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
- 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):

Issue date: 2021-02 **Rev.:** 2