

Technical Data Sheet

Product	TO00 Gloss/Series						
Description	Polyurethane clear top-coats						
Color	Clear						
Chemical-physical Prope	erties						
CODE	Density (Kg/I) Densit	y (II	(lb/US gal) Solid content %				
TO00	0,975 ± 0,030 8,1	±	0,	3	45,0	±	2
TO01	0,975 ± 0,030 8,1	±	0,	3	43,0	±	2
TO02	0,975 ± 0,030 8,1	±	0,	3	43,0	±	2
TO03	0,975 ± 0,030 8,1	±	0,	3	45,0	±	2
TO04	0,986 ± 0,030 8,2	±	0,	3	45,0	±	2
TO05	0,992 ± 0,030 8,3	±	0,	3	46,0	±	2
TO06	0,990 ± 0,030 8,3	±	0,	3	47,0	±	2
TO07	0,987 ± 0,030 8,2	±	0,	3	48,0	±	2
(series average values)	Viscosity (EN ISO 2431) ISO 6 cup		33	±	3		
USAGE INDICATIONS							
Additional products				Quant	ities		
Hardener	TX50		In weight w/w %			50	
			In	volume	e v/v %		50,1
	Solid content %	2	4,3	±	2		•
Thinner	TZ33	In weight w/w %			20		
			In	volume	e v/v %		22
READY TO USE PROD	OUCT PROPERTIES (AVERAGE)						
	Solid content 1st + 2nd component (%)	3	8,3	±	2		
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)		4 h				
	Viscosity (Ford 4 cup)		16	±	2		



CODE	Sheen level EN ISO 2813					
	(angle measurement 60°)					
	applied micron: 150					
	Wet Mils: 5,9					
TO00	Sheen 100 ± 5	,				
TO01	Sheen 72 ± 4					
TO02	Sheen 50 ± 3	}				
TO03	Sheen 35 ± 2)				
TO04	Sheen 25 ± 2)				
TO05	Sheen 15 ± 1					
TO06	Sheen 10 ± 1					
TO07	Sheen 5 ± 1					
Application method						
Airmix spray (for automatic plants)		50				
		5,1				
Hand spray		50				
	107 (007)	50 5,1				
TIES AFTER APPLICATION	4,0	,, ı				
TIES AFTER AFTERSATION						
Room temperature drying (18-22°C / 64 – 72°F						
e 65-70% relative humidity) complete drying						
Dust free	15 min					
Touch dry	45 min					
Hard dry						
Good elasticity	- Control					
TX24	In weight w/w %	50				
		F4 4				
		51,1				
1200	In weight w/w %	20				
	In volume v/v %	22				
DDUCT PROPERTIES (AVERAGE)	In volume v/v %	22				
DDUCT PROPERTIES (AVERAGE) Solid content 1st + 2nd component (%)	In volume v/v % 38,0 ± 2	22				
Solid content 1st + 2nd component (%) Pot-Life - mixture (maximum pot-life of the		22				
Solid content 1st + 2nd component (%) Pot-Life - mixture (maximum pot-life of the product		22				
Solid content 1st + 2nd component (%) Pot-Life - mixture (maximum pot-life of the	38,0 ± 2	22				
	TO01 TO02 TO03 TO04 TO05 TO06 TO07 Application method Airmix spray (for automatic plants) Hand spray TIES AFTER APPLICATION Room temperature drying (18-22°C / 64 – 72°F e 65-70% relative humidity) complete drying Dust free Touch dry Hard dry Good elasticity	(angle measurement 60°) applied micron: 150 Wet Milis: 5,9 T000 Sheen 100 ± 5 Sheen 72 ± 4 T002 Sheen 50 ± 3 T004 Sheen 35 ± 2 T005 T006 Sheen 15 ± 1 T007 Sheen 10 ± 1 T007 Application method Airmix spray (for automatic plants) Hand spray Quantities Gr/m² min-max: 120 - 1 Wet Mils min-max 4,9 - 6 TIES AFTER APPLICATION Room temperature drying (18-22°C / 64 - 72°F e 65-70% relative humidity) complete drying TX24 In weight w/w % Solid content % Solid content % T233 In weight w/w % In volume v/v % Solid content w/w % In weight w/w % In weight w/w % In weight w/w %				

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-		Sheen level EN ISO 2813 (angle measurement 60°)				
		applied micron:	150			
		Wet Mils:	5,9			
	TO00	Sheen	100	±	5	
	TO01	Sheen	77	±	5	
	TO02	Sheen	53	±	3	
	TO03	Sheen	40	±	3	
	TO04	Sheen	30	±	2	
	TO05	Sheen	22	±	2	
	TO06	Sheen	15	±	1	
	T007	Sheen	5	±	1	
Application	Application method	Quantities				
	Airmix spray (for automatic plants)	gr/m² min-max:	120	_	150	
		Wet Mils min-max	4,9	-	6,1	
	Hand spray	gr/m² min-max:	120	_	150	
		Wet Mils min-max	4,9	_	6,1	
PRODUCT PROPERTIE	ES 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	55 min				
	Hard dry	18 h				
Additional products		Quantities				
Properties	Good yellowing resistance	- Control				
Hardener	TX72	In weight w/w % 5			50	
		In volume v/v %		51,1		
	Solid content %	25,0 ± 2				
Thinner	TZ33	In weight w/w % 20				
		In volume v/v %			22	
	Solid content 1st + 2nd component (%)	38,5 ±	2			
	Pot-Life - mixture (maximum pot-life of the product prepared according to usage indications)	3 h				
	Viscosity (Ford 4 cup)	16 ±	2			

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	TO00	Sheen	100		5	
	TO01	Sheen	77	±		
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	TO03		53	±	3	
	TO04	Sheen	40	±	3	
	TO05	Sheen	30	±	2	
	TO06	Sheen	22	±	2	
	TO07	Sheen	15	±	1	
Application		Sheen	10	±	1	
Application	Application method	Quantities				
	Airmix spray (for automatic plants)	gr/m² min-max:	120	-	150	
		Wet Mils min-max	4,9	-	6,1	
	Hand spray	gr/m² min-max:	120	-	150	
		Wet Mils min-max	4,9	-	6,1	
	ES 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	45 min				
	Hard dry	18 h				
		•				
Shelf life	18 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:

- 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):

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