



A0842G10BIO

Detailed Description

Technical Description



1K2K CLEAR WB TCOAT G10

1K2K CLEAR WB INDOOR TOPCOAT G10 BIO

Clear water based one/twocomponent anti-yellowing matt top coat 10 gloss, for spray application, formulated with resins from renewable sources.

Main Data

Primary Sector	✓ Indoor furnitures	
Main Features	Outstanding Outstanding Good	Chemical resistance Quickness of drying Transparency
Line of product	iridea  bio	

Regulations

Emissions	A+ Very Low Emission
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Chemical and Physical Properties


Solid Content %	33.0 ± 2
Gloss	10 gloss ± 2.0
Gloss Notes	The given values are referred to the product applied on polyester base in the recommended quantity and dried in standard weather conditions (23°C and 50% R.H.). The gloss value can change slightly, depending on the applied quantity, the drying conditions and the substrate

Instructions for use


Pigmentability	The product can be pigmented: refer to the "Pigmented coatings" manual or ask technical assistance service.
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Substrate


Substrate	<ul style="list-style-type: none"> ✓ Water based base coats ✓ Solvent based base coats ✓ Polyester base coats
Substrate preparation 	<ul style="list-style-type: none"> ✓ Sand the base coat with grain 280 and then with grain 320 paper. Dust carefully with compressed air.
Substrate information	All general information refers to ICA Group products

Application

Hardener	Hardener	% in weight	% in volume	Pot life (h)	How to add
	CA500BIO	10.0	10.0	2	Mix mechanically
	CA500R	10.0	10.0	2	Mix mechanically
Hardener Notes	The hardeners indicated are alternatives. At temperatures above 30°C the potlife is significantly reduced.				
Thinner	Thinner	% in weight	% in volume	How to add	
	ACQUAD	10.0	10.0	Mix mechanically or manually	
Product preparation notes	Ready to use. Dilute with demineralized water up to 10% if necessary				
Application 	Application		Application Notes		
	Diaphragm spray pump		Nozzle 0.007 - 0.011 inches – material pressure 80-130 bar		
	Spray with cup pistol		Recommended nozzles: 1.6 - 2.0 mm.		
	Airmix spray-paint		Nozzle 0.007 - 0.011 inches – material pressure 50-100 bar – atomization air 0.8-2.5 bar		
Quantity per coat (g/sqm)	Quantity per coat (g/sqm)		Max quantity (g/sqm)		
	80-120		150.0		
Number of coats	Up to two				
Interval between coats (23°C 50% RH) (h)	1 - 4				




Drying

Touch dry (23°C 50% RH) (h) 	1.0
Stackable Notes	Stackable after 4-8 hours
Completely dry	3 - 5 days
Drying and cross-linking information	The figures indicated serve as a guide and are for reference. The drying time depends on the substrate, coat thickness, temperature, relative atmospheric humidity and ventilation.

Specification of supplied product

Analysis	Value		Un. Measure	Method
Flow Cup Viscosity	Ford Cup 5	125.0 ± 15.0	Seconds	Ford cup 5 viscosity 20°C (sec) - MP04
pH		8.0 ± 0.5		pH (u.pH) - MP13
Specific Gravity		1.03 ± 0.05	g/ml	Density (g/ml) - MP01
Fineness		20.0	Micron μ	Fineness(μm) - MP12

N.B.

Shelf life (days)	365.0
Storage Information 	For intact and correctly stored product Store at temperatures above 5°C and below 35°C
N.B.	Mix well before use, sedimentation on the bottom is not a sign of deterioration, especially when the product has a few months of life, and it just needs to be carefully mixed to be used again. Apply at temperatures above 15°C and maximum 65% relative humidity. All coating products are sensitive to the use of certain aggressive surface-cleaning agents (ammonia detergents, solvents, sodium hypochlorite, high concentration ethyl alcohol, concentrated acids, detergents with abrasives, etc.), which could compromise the integrity of the finishes. Coated surfaces should always be cleaned with aqueous detergents with a neutral pH to avoid compromising the finish.

Viscosity Notes

The quality control value of the viscosity refers to the product immediately after checking. Any variations of the data specified in the technical data sheet could be due to circumstances such as length and conditions of storage.



Legal notice

The working method, the application conditions, the production cycle, the use of machinery, the ambient conditions, the characteristics of the supports used, the place of use, are beyond our control and our obligations. Therefore it is essential that you test our products and the information supplied by us to make sure that they are satisfactory and suitable for the use and application methods that you intend them for and for the results you wish to achieve. This specific analysis is exclusively your responsibility and must include assessment of suitability from a technical and procedural, environmental, health and safety point of view. Any written or verbal information given by our technical and/or commercial personnel is purely to illustrate the product and help the client, and does not constitute instructions or consultancy, which remains expressly excluded. The above mentioned written or verbal information is subject to changes without prior notice and does not imply any acceptance of responsibility by our company to you and to third parties. The product is supplied in perfect conformity with the contents of this document; we therefore guarantee the consistency of the chemical-physical characteristics of the product taking into account the allowances and data contained in our technical data sheets.

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