



AO1033G20

Detailed Description

Technical Description

1K2K CLEAR WB TCOAT G20

1K2K CLEAR WB INDOOR TOPCOAT G20 IRIDEA

One/Two-component water-based clear anti-yellowing top coat 20 gloss for spray application.



Line of product



Main Data

Primary Sector	✓ Indoor furnitures		
			
Main Features	Good Average	Chemical resistance Vertical adhesion	

Regulations

Emissions	A+ Very Low Emission	
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Chemical and Physical Properties

Solid Content %	31 ± 2		
Gloss	20 gloss ± 3.0		
Gloss Notes	The values shown refer to the product applied on a polyester base, in the recommended quantities and dried under standard conditions (23°C and 50% R.H.). The gloss value may change slightly as the amount applied, the drying and the substrate vary.		
Yield	Min 6.7 280.4	Max 12.5 523.1	UM m2/Kg sqft/gal

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	✓ Water based base coats ✓ Solvent based base coats ✓ Polyester base coats ✓ melamine paper		
Substrate preparation	✓ 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
	CA500	10.0	10.0	4	Mix mechanically
	CA508	10.0	10.0	4	Mix mechanically or manually
	CA502	10.0	10.0	2	Mix mechanically
Hardener Notes	The indicated hardeners are alternatives. At temperatures above 30°C the potlife is significantly reduced. Using the CA502, the performance will be slightly higher and the surface will be matter.				



Thinner	Thinner ACQUAD	% in weight 10.0	% in volume 10.0	How to add Mix mechanically or manually
	AD104	10.0	10.0	Mix mechanically or manually
Product preparation	Ready to use. Dilute with demineralized water up to 10% if necessary.			
Application	Application		Application Notes	
  	Airmix spray-paint		Recommended nozzles: 0.007 - 0.011 inches– material pressure 50-100 bar – atomization air 0.8-2.5 bar	
	Diaphragm spray pump		Recommended nozzles: 0.007 - 0.011 inches– material pressure 80-130 bar	
	Spray with cup pistol		Recommended nozzles: 1.6 - 2.0 mm.	
Quantity per coat	Min Quantity	Max quantity		Un. Measure
	80	150.0		g/sqm
	3.0	5.7		wet mils
Number of coats	Up to two			
Interval between coats (23°C-73°F 50% RH) (h)	1 - 4			

Drying

Touch dry (23°C-73°F 50% RH) (h)	1.0	
Stackable Notes	Stackable after 16 - 24 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	DIN Cup 4	95.0 ± 15.0	Seconds	DIN 4 viscosity MP04
pH		7.7 ± 0.5		pH (u.pH) MP13
Specific Gravity		1.03 ± 0.05	g/ml	Density (g/ml) MP01
		8.6 ± 0.05	lb/gal	Density (lb/gal) MP01
Fineness		25.0	µm	Fineness (µm) MP12

N.B.

Shelf life (days)	365
Storage and use Information	Store in a cool, dry place protected from light sources. Close the package after using. Store at temperatures above 5°C (41°F) and below 35°C (95°F) 
N.B.	Mix well before use. Sedimentation is not a sign of deterioration and it is sufficient to carefully mix the product to use it. Before using CA502 for industrial production, it is recommended to carry out preliminary tests. Apply at temperatures above 15°C and maximum relative humidity of 65%. All coatings 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 inconveniences.

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.

Technical Data Sheet

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ICA S.p.A.

Via Sandro Pertini, 52 Zona Ind.le A

62012 Civitanova Marche (MC) - Italy

Tel. +39 0733 8080 - Fax +39 0733 808140

www.icaspa.com

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