



**AO275G20**

**Detailed Description**

**Technical Description**



**CLEAR WB PU TOP COAT 20G**

CLEAR WATER BASED MONO/BICOMPONENT TOP COAT 20 GLOSS


Clear matt 20 gloss water based mono/bicomponent anti-yellowing top coat for spray application.

**Main Data**

<b>Primary Sector</b>	✓ Indoor furnitures	
<b>Main Features</b>	Good	Chemical resistance

**Regulations**

<b>Emissions</b>	A+ Very Low Emission
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**Chemical and Physical Properties**


<b>Solid Content %</b>	32.0 ± 2
<b>Gloss</b>	20 gloss ± 3.0
<b>Gloss Notes</b>	The given values refer to the product applied on a polyester base, in the recommended quantities and dried under standard conditions (23 ° C and 50% RH). The value of the gloss can slightly change depending on the applied quantity, the drying conditions and the support used.

**Instructions for use**


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


<b>Substrate</b>	<ul style="list-style-type: none"> <li>✓ Water based base coats</li> <li>✓ Solvent based base coats</li> <li>✓ Polyester base coats</li> <li>✓ melamine paper</li> </ul>
<b>Substrate preparation</b> 	<ul style="list-style-type: none"> <li>✓ Sand the base coat with grain 280 and then with grain 320 paper. Dust carefully with compressed air.</li> </ul>
<b>Substrate information</b>	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
<b>Hardener Notes</b>	The given hardeners are alternative. Do not use the catalyzed product at temperatures above 30°C. High temperatures reduce the pot life.				
<b>Product preparation notes</b>	Ready to use. If necessary dilute with max.15% demineralized water.				
<b>Application</b> 	<b>Application</b> Airless spray-paint  Spray with cup pistol Airmix spray-paint		<b>Application Notes</b> nozzle 0.007 - 0.011 inches– material pressure 80-130 bar ù Recommended nozzles: 1.6 - 2.0 mm. nozzle 0.007 - 0.011 inches– material pressure 50-100 bar – atomization air 0.8-2.5 bar		
<b>Quantity per coat (g/sqm)</b>	<b>Quantity per coat (g/sqm)</b>		<b>Max quantity (g/sqm)</b>		
	80-120		150.0		
<b>Number of coats</b>	Up to two				
<b>Interval between coats (23°C 50% RH) (h)</b>	1 - 4				




## Drying

<b>Touch dry (23°C 50% RH) (h)</b> 	1.0
<b>Stackable Notes</b>	after 16-24 hours
<b>Completely dry</b>	3-5 days.
<b>Drying and cross-linking information</b>	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
<b>Flow Cup Viscosity</b>	DIN Cup 4	100.0	± 10.0	Seconds	DIN 4 Viscosity - MP04
<b>pH</b>		7.3	± 0.3		pH (u.pH) - MP13
<b>Specific Gravity</b>		1.03	± 0.05	g/ml	Density (g/ml) - MP01
<b>Fineness</b>		20.0		Micron μ	Fineness(μm) - MP12

## N.B.

<b>Shelf life (days)</b>	365.0
<b>Storage Information</b> 	For intact and correctly stored product  Store at temperatures above 5°C and below 35°C
<b>N.B.</b>	Mix well before use, the presence of a slight laying on the bottom is not a sign of deterioration and it is sufficient to carefully mix it to use it. Apply at temperatures above 15 ° C and maximum relative humidity of 65%. All paint are sensitive to some particularly aggressive products used for cleaning surfaces (ammonia detergents, solvents, sodium hypochlorite, high concentration ethyl alcohol, concentrated acids, detergents with abrasives, etc.), which could compromise the integrity of the finishes. To avoid any kind of inconvenience, the painted surfaces must always be cleaned with aqueous detergents with a neutral pH.

## 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.



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## Legal notice

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