



AOX1018

Detailed Description

Technical Description

TRAN.H2O BIC.X-MATT TOP COAT

TRANSPARENT WATER BASED BICOMPONENT X-MATT TOP COAT

Transparent water based bicomponent ultra matt X- MATT top coat, with gloss level < 5 gloss for spray application. Soft touch, anti-reflective, anti-fingerprint and self-healing.

Main Data

Primary Sector	✓ Indoor furnitures								
Main Features	<table border="0"> <tr> <td>Outstanding</td> <td>Mar resistance</td> </tr> <tr> <td>Outstanding</td> <td>Matt uniformity</td> </tr> <tr> <td>Good</td> <td>Chemical resistance</td> </tr> <tr> <td>Good</td> <td>Quickness of drying</td> </tr> </table>	Outstanding	Mar resistance	Outstanding	Matt uniformity	Good	Chemical resistance	Good	Quickness of drying
Outstanding	Mar resistance								
Outstanding	Matt uniformity								
Good	Chemical resistance								
Good	Quickness of drying								
Line of product	X-Matt								

Regulations

Emissions	A+ Very Low Emission
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Chemical and Physical Properties

Solid Content %	33.0 ± 2
Gloss	2 gloss ± 2.0
Gloss Notes	The given values refer to the product applied on a polyester base coat, in the recommended quantities and dried in standard conditions (23°C and 50% R.H.). The gloss level might change depending on the applied quantity, the drying conditions and the coated surface.

Instructions for use

Instructions for use	<p>It is possible to applicate one cycle directly on unfinished wood:</p> <ul style="list-style-type: none"> - give the first sanding on wood with abrasive paper 180-220; - sand with 280-320 grain paper to improve the final effect; - applicate one coat 150 g/m² of product hardened at 15% with CA519 and diluted at 10% with demineralised water; - let dry for 24 hours; - gently sand with abrasive paper 1200 to obtain a smoothed film and the typical soft effect of
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	<p>the product.</p> <p>Optionally, to get a full bodied effect, applicate a transparent bicomponent base coat as first hand.</p>
Pigmentability	The product can be pigmented: refer to the "Pigmented coatings" manual or ask the technical assistance service.

Substrate


Substrate	<ul style="list-style-type: none"> ✓ Bare solid wood or veneer ✓ Bare or stained wood ✓ Polyester base coats ✓ Bicomponent water based base coats ✓ Bicomponent solvent based base coats
Substrate preparation	✓ Sand the base coat with grain 280 and then with grain 320 paper. Dust carefully with compressed air.
Substrate preparation Notes	<p>For applications on unfinished wood, is suggested the first sanding with paper 180-220 and later with sanding paper of maximum grain of 280-320 to get a better final result.</p> <p>For applications on melamine paper is necessary the first coat of the dedicated primer, both water and solvent based.</p> <p>Preliminary adhesions tests are suggested.</p>
Substrate information	All general information refers to ICA Group products

Application

Hardener	Hardener	% in weight	% in volume	Pot life (h)	How to add
	CA519	15.0	15.0	2	Mix mechanically
Hardener Notes	Do not use the hardened product at temperatures above 30°C, because high temperature reduces the pot life.				
Application	Application		Application Notes		
	Airless spray-paint		nozzle from 0.007 to 0.011 inches - material pressure 80-130 bar.		
	Spray with cup pistol		advisable use of nozzle from 1.6 to 2.0 mm.		
	Airmix spray-paint		nozzle from 0.007 to 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)		
	120-150		170.0		
Number of coats	Up to two				
Interval between coats (23°C 50% RH) (h)	2-6				




Dry

Touch dry (23°C 50% RH) (h)	1.5
	
Stackable Notes	After 24-48 hours. The use of spacer is recommended.
Completely dry	5-7 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 6	55.0	± 10.0	Seconds	DIN 6 Viscosity - MP04
pH		7.5	± 0.5		pH (u.pH) - MP13
Specific Gravity		1.02	± 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, the presence of a slight laying 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 relative humidity of 65%. All the coating products are sensitive to some particularly aggressive products used for cleaning. Some chemical aggressive uses of surface cleaning, if not properly used (ammoniacal detergents, solvents, sodium hypochlorite, high concentration ethyl alcohol, concentrated acids, abrasive detergents etc.) could affect the integrity of the finishes. To avoid any inconvenience, the cleaning of painted surfaces must always be carried out with neutral detergents in aqueous solution.

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

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