



NATURWOOD

Detailed Description

Technical Description



TRANSP WB TOP COAT 5GLOSS

TRANSPARENT WATER BASED BICOMPONENT MATT TOP COAT 5GL

Transparent water based bicomponent matt 5 gloss anti-yellowing top coat for spray application. It can also be used as a base/top coat for a natural effect on light coloured Woods.

Main Data

Primary Sector	<ul style="list-style-type: none"> ✓ Indoor furnitures ✓ Prefinished parquet ✓ Parquet installation ✓ Steps 		
Main Features	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Outstanding Good Good</td> <td style="width: 50%; border: none;">Chemical resistance Definition of the wood's pore Transparency</td> </tr> </table>	Outstanding Good Good	Chemical resistance Definition of the wood's pore Transparency
Outstanding Good Good	Chemical resistance Definition of the wood's pore Transparency		

Regulations

Emissions	A+ Very Low Emission
------------------	----------------------




Chemical and Physical Properties


Solid Content %	25.0 ± 2
Gloss	5 gloss ± 2.0
Gloss Notes	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.



Substrate


Substrate	<ul style="list-style-type: none"> ✓ Water based base coats ✓ Solvent based base coats ✓ Polyester base coats ✓ Bare solid wood or veneer
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. ✓ Sand the bare wood with grain 180 and then with grain 220 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
	CA501	5.0	5.0	4	Mix mechanically
Hardener Notes	Do not use the hardened product at temperatures above 30°C, the high temperature reduces the pot life.				
Product preparation notes	Ready to use. Dilute with demineralized water up to 15% if necessary.				
Application 	Application Airless spray-paint Spray with cup pistol Airmix spray-paint	Application Notes nozzle 0.007 - 0.011 inches– material pressure 80-130 bar 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			
Quantity per coat (g/sqm)	Quantity per coat (g/sqm)		Max quantity (g/sqm)		
	80-100		120.0		
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	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	Ford Cup 4	120.0 ± 10.0	Seconds	Ford cup 4 viscosity 20°C (sec) - MP04
pH		7.5 ± 0.5		pH (u.pH) - MP13
Specific Gravity		1.03 ± 0.05	g/ml	Density (g/ml) - MP01
Fineness		15.0	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 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.



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.

The technical data sheets may be subject to modifications and revisions and therefore it is your responsibility to ensure that you have the latest data sheet by accessing our "company portal" www.icagroup.info.

Any declarations or recommendations or advice not contained in this documents are not authorized, and are not binding for our company and do not determine acceptance of responsibility on our part.