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OPX301

2K CLEAR SB TCOAT G00

Detailed Description

2K CLEAR SB POLYURETHANE TOPCOAT G00 S-MATT

Technical Description

S-MATT ultra matt (less than 1 gloss) bicomponent solvent based polyurethane top coat, clear, applicable by spray, anti-yellowing, anti-reflective, with self-repairing capacity.

Main Data

Primary Sector	✓ Indoor furnitures ✓ Cupboard doors ✓ Indoor fittings ✓ Flat panels for indoors	
Main Features	Outstanding Outstanding Outstanding	Matt uniformity Mar resistance Anti-yellowing property
Line of product	S-MATT	

Chemical and Physical Properties

Physical state notes	Opalescent liquid.
Solid Content %	28.0 ± 2
Gloss	0 gloss ± 1.0

Instructions for use

Instructions for use 	Always mix well before use.

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Substrate

Substrate	✓ 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	Applicable on bicomponent pigmented and solvent based acrylic/polyurethane top coat, after sanding.
Substrate information	All general information refers to ICA Group products

Application

Hardener

Hardener	% in weight	% in volume	Pot life (h)	How to add
C200	30.0	30.0	3	Mix mechanically or manually

Thinner

Thinner	% in weight	% in volume	How to add
D1010	20.0	20.0	Mix mechanically or manually

Product preparation notes

Dilute up to 20% by weight, or by volume, according to application needs.
Always mix well before us.
Not pigmentable product.

Application 

Application	Application Notes
Spray with cup pistol	Nozzles from 1.7 to 1.9 mm – air pressure at 2.0 – 2.5 atm.
Airmix spray-paint	Nozzles from 0.009 to 0.011 inches

Quantity per coat (g/sqm)

Quantity per coat (g/sqm)	Max quantity (g/sqm)
80 - 100	110.0

Drying

Touch dry (23°C 50% RH) (h) 	2.0
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

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Analysis	Value			Un. Measure	Method
Flow Cup Viscosity	Ford Cup 2	45.0	± 5.0	Seconds	Ford cup 2 viscosity 20°C (sec) - MP04
Specific Gravity		0.97	± 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.	Store in a cool and dry environment, keep away from direct sunlight. Mix well before use, the possible presence of a slight laying on the bottom, in particular on the product with a few months of life, is not a sign of deterioration and it is sufficient to operate an accurate mixing of the same to be able to use it.

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.

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