



FAC241

Detailed Description

Technical Description



CLEAR ACRYLIC BASE COAT

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Transparent polyurethane acrylic base coat, suitable for pale woods, or wood which has been chemically bleached.

The product can also be used for outdoor painting cycles, particularly when insulating capacity against tannins is required.

For more information, refer to our technical assistance service.

Main Data

Primary Sector	<ul style="list-style-type: none"> ✓ Indoor furnitures ✓ Indoor fittings ✓ Furniture and items for outdoors 						
Main Features	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Outstanding</td> <td style="width: 50%;">Anti-yellowing properties</td> </tr> <tr> <td>Outstanding</td> <td>Transparency</td> </tr> <tr> <td>Good</td> <td>Sanding</td> </tr> </table>	Outstanding	Anti-yellowing properties	Outstanding	Transparency	Good	Sanding
Outstanding	Anti-yellowing properties						
Outstanding	Transparency						
Good	Sanding						

Chemical and Physical Properties


Physical state notes	opalescente liquid
Solid Content %	28.0 ± 2

Instructions for use


Instructions for use	<p>Store in a cool, dry place, away from direct sunlight. Mix before use.</p>
Pigmentability	<p>The product can be pigmented: refer to the "Pigmented coatings" manual or ask technical assistance service.</p>



Substrate


Substrate	<ul style="list-style-type: none"> ✓ Bleached wood ✓ Bare solid wood or veneer
Substrate preparation 	<ul style="list-style-type: none"> ✓ Sand the bare wood with grain 150 and then with grain 180 paper. Dust carefully with compressed air.
Substrate preparation Notes	The product is suitable for pale woods, or wood which has been chemically bleached. To bleach the wood we recommend a mixture at a ratio of 9 parts hydrogen peroxide (130 vol.) and 1 part ammonia 28 Be' (32%)
Substrate information	All general information refers to ICA Group products

Application

Hardener	Hardener	% in weight	% in volume	Pot life (h)	How to add
	C200	10.0	10.0	24	Mix manually
Thinner	Thinner	% in weight	% in volume	How to add	
	D1010	30.0	30.0	Mix manually	
	D1015	30.0	30.0	Mix manually	
Product preparation notes	The given thinners are alternative. Particularly suitable for open pore cycles, it must be diluted from 20% to 30% by weight or volume with thinner D1010 or, in the hottest periods, with the retardant thinner D1015. FAC241 - C200 guarantees an almost total absence of yellowing of the film even after long periods of time. However, to limit the colour changes of the wood itself, especially if exposed to direct sun light, we recommend to add 5-10% of our anti-yellowing agent AA1 to the first component of the top coat.				
Application 	Application		Application Notes		
	Spray-paint		With cup spraygun we recommend a 2 mm nozzles and 3 atm. air pressure.		
	Curtain coater				
Quantity per coat (g/sqm)	Quantity per coat (g/sqm)		Max quantity (g/sqm)		
	120		150.0		
Number of coats	Up to three				
Interval between coats (23°C 50% RH) (h)	2-4				
Overcoatings Notes	wait at least 24 hours drying in the air at 20°C.				




Drying

Touch dry (23°C 50% RH) (h) 	1.0
Sandable (h)	24.0
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

Analysis	Value		Un. Measure	Method
Flow Cup Viscosity	Ford Cup 4	60.0 ± 12.0	Seconds	Ford cup 4 viscosity 20°C (sec) - MP04
Specific Gravity		0.95 ± 0.05	g/ml	Density (g/ml) - MP01
Fineness		30.0 ± 10.0	Micron μ	Fineness(μm) - MP12

N.B.

Shelf life (days)	730.0
Storage Information 	For intact and correctly stored product Store at temperatures above 5°C and below 35°C
N.B.	Use in a well ventilated room. If the product is used in outdoor painting cycles, it is advisable to refer to our technical assistance service.

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

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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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