



POLYESTER COATINGS FOR INTERIOR FURNISHINGS

QUALITY THROUGH TRADITION



## POLYESTER COATINGS

ICA offers a comprehensive range of transparent and pigmented polyester products.

The polyester coatings react with the accelerator (usually cobalt) and the (peroxide-based) catalyst, generating a highly resistant film that endows the surface with a high level of hardness.

Particularly suitable for closed-pore top coats, they make it possible to achieve a coating film with a **high level of chemical/physical resistance** that is **easy to sand** and is subject to **limited shrinkage over time**.

ICA offers an extensive range of polyester coatings: transparent and pigmented paraffinated polyester coatings for use as base coats or as base/top coats that can be polished; and transparent white, traditional or styrene-free polyester base coats.

The range of polyester coatings also includes **photoinitiable products with UV drying**: transparent and pigmented gloss and matt base coats and top coats.

### CHARACTERISTICS AND ADVANTAGES

- Ease of use
- Spray, roller, curtain coater or electrostatic application
- High solid content (65-100%)
- High chemical/physical resistance
- Excellent shine
- Easy to sand
- Rapid-drying



FOR MORE INFORMATION



## COLOR RANGE

The color can be chosen from any of the 3 color charts (**ICA**, **RAL** and **NCS**) which encompass more than 2,300 colors, all of which can be faithfully reproduced thanks to the **ICA Color** tintometric system.

ICA can also create sample colors at the client's request, and can conduct color checks using a spectrophotometer.



FOR MORE INFORMATION

## RESISTANCE COMPARISON

	POLYESTER COATINGS	POLYURETHANE COATINGS	NITRO CELLULOSE
GENERAL DURABILITY	1	1	4
STAIN RESISTANCE	1	1	3
HEAT RESISTANCE	1	1	5
MOISTURE RESISTANCE	1	1	3
SOLVENT RESISTANCE	1	1	5

### Key:

**1 = excellent**

**5 = poor**

These results were attained in the ICA laboratory and are analogous to the AWI standards as described in the Architectural Woodwork Quality Standards of 1997 (section 1 500 – G – 7 & G4).

CODE	DESCRIPTION	CATALYST	
<b>NON-PARAFFINATED POLYESTERS</b>			
PF298	WHITE UNIVERSAL BASE COAT	A110 at 2% then U100 at 2%	
PF311E	EASY-SAND WHITE BASE COAT	A110 at 2% then U100 at 2%	
PF299REN	BLACK BASE COAT	A110 at 2% then U100 at 2%	
PF296E	TRANSPARENT BASE COAT	A110 at 2% then U100 at 2%	
PF304	TRANSPARENT UNIVERSAL BASE COAT	A110 at 2% then U100 at 2%	
PF306	EXTRA TRANSPARENT BASE COAT	A110 at 2% then U100 at 2%	
PF5051	TRANSPARENT POLISHABLE BASE COAT	A110 at 2% then U100 at 2%	
PF318	EXTRA TRANSPARENT POLISHABLE ELASTIC BASE COAT	A110 at 2% then U100 at 2%	
LD111	TRANSPARENT UNIVERSAL DIRECT HIGH-GLOSS TOP COAT	A110 at 2% then U100 at 2%	
LD115	DIRECT HIGH-GLOSS TOP COAT WITH HIGH TRANSPARENCY AND COVERAGE	A110 at 2% then U100 at 2%	
OD120 - OD121	HIGH-MATT TOP COATS	A110 at 2% then U100 at 2%	
<b>BRUSHABLE PARAFFINATED POLYESTERS</b>			
POL10S	TRANSPARENT HORIZONTAL PARAFFINATED POLYESTER COATING	A110 at 2% then U100 at 2%	
POL12	TRANSPARENT VERTICAL PARAFFINATED POLYESTER COATING	A110 at 2% then U100 at 2%	
POL13NT	EXTRA TRANSPARENT VERTICAL PARAFFINATED POLYESTER COATING	A110 at 2% then U100 at 2%	
POL15V	TRANSPARENT PARAFFINATED POLYESTER FOR CURTAIN-COATER APPLICATION	A110 at 2% then U100 at 2%	
<b>WHITE AND TRANSPARENT STYRENE-FREE POLYESTERS</b>			
PF300 - PF315	WHITE STYRENE-FREE BASE COATS	A110 at 2% then U100 at 2%	
PF307	TRANSPARENT STYRENE-FREE BASE COAT	A110 at 2% then U100 at 2%	
LD114	TRANSPARENT DIRECT HIGH-GLOSS STYRENE-FREE TOP COAT	A110 at 2% then U100 at 2%	
<b>HIGH SOLID CONTENT POLYESTER BASE COATS (100% solid content)</b>			
PF312	TRANSPARENT HIGH SOLID CONTENT STYRENE-FREE BASE COAT	A110R at 2% then U100 at 2%	
PF314	WHITE HIGH SOLID CONTENT STYRENE-FREE BASE COAT	A110R at 2% then U100 at 2%	
<b>ELASTIFIERS</b>			
POL21	ELASTIFIER FOR POLYESTER COATINGS	-	
<b>ACCELERATORS AND CATALYSTS</b>			
A109	NON-GREENING ACCELERATOR FOR POLYESTER COATINGS	-	
A110	ACCELERATOR FOR POLYESTER COATINGS	-	
A110R	CONCENTRATED RAPID ACCELERATOR FOR POLYESTER COATINGS	-	
A117	NON-GREENING ACCELERATOR FOR WHITE POLYESTER COATINGS	-	
U100 - U101	CATALYZERS FOR POLYESTER COATINGS	-	
U102	EXTENDED POT-LIFE CATALYST FOR POLYESTER COATINGS	-	
<b>CODE</b>	<b>DESCRIPTION</b>	<b>CODE</b>	<b>DESCRIPTION</b>
<b>UNIVERSAL PIGMENTED PASTES FOR AUTOMATIC TINTOMETERS</b>		<b>PIGMENTED PASTES FOR POLYESTER COATINGS</b>	
PC34	BLACK	PP9	WHITE
PC65	OXIDE RED	PP11	BLACK
PC68	ORANGE	PP41	BLACK
PC69	GREEN	PP43	BORDEAUX
PC71	VIOLET	PP44	ORGANIC ORANGE
PC72	MAGENTA	PP45	GREEN
PC75	BLUE	PP46	RED
PC76	FUCHSIA	PP47	BLUE
PC79	OXIDE YELLOW	PP48	OXIDE RED
PC80	ORANGE YELLOW	PP49	OXIDE YELLOW
PC81	WHITE	PP50	VIOLET
PC94	BRIGHT ORANGE	PP51	WARM YELLOW
PC97	LEMON YELLOW	PP52	LIME YELLOW
PC102	BRIGHT RED		
PC103	BRIGHT ORANGE		
PC106	BETA BLUE		

Catalyst ratios are given by weight. For further information please consult the relevant technical data sheet.

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