



POLYURETHANE AND ACRYLIC COATINGS

EXCEPTIONAL QUALITY AND PERFORMANCE

POLYURETHANE AND ACRYLIC COATINGS

Due to their versatility, polyurethane products are recommended for application to surfaces subject to high levels of wear-and-tear, and when **excellent chemical/physical resistance** is required, for example in offices and kitchens.

ICA produces a wide range of matt and gloss, transparent and pigmented products, with open or closed pore.

CHARACTERISTICS AND ADVANTAGES

- Versatility and ease of use
- Spray, roller, curtain coater or electrostatic application
- Excellent chemical/physical resistance
- Excellent transparency
- Wide range of products with high solid content
- Completely formaldehyde-free
- NMP-free
- APEO-free
- Available in transparent, colored and pigmented versions



FOR MORE INFORMATION

COLOR RANGE

The color can be chosen from any of the three 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 obtained 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
TRANSPARENT POLYURETHANE BASE COATS		
FP540	TRANSPARENT BASE COAT FOR GENERAL USE	C275, C265 or C376A at 50%
FP561	HIGH-COVERAGE TRANSPARENT BASE COAT FOR VERTICAL APPLICATIONS	C266, C275 or C376A at 50%
FP271 - FP272	TRANSPARENT BASE COATS WITH HIGH HIDING POWER	C266 or C376A at 50%
FP278V	TRANSPARENT THIXOTROPIC BASE COAT, ALSO SUITABLE FOR VERTICAL APPLICATIONS	C266 or C376A at 50%
FP843	RAPID-DRYING TRANSPARENT BASE COAT	C267, C268 or C376A at 50%
FP280V	HIGH-COVERAGE TRANSPARENT BASE COAT, ALSO SUITABLE FOR VERTICAL AND ELECTROSTATIC APPLICATIONS	C266, C275 or C376A at 50%
FP558V	TRANSPARENT THIXOTROPIC BASE COAT WITH HIGH SOLID CONTENT	C265, C266 or C376A at 50%
FP262INC	BASE COAT WITH HIGH LEVELS OF TRANSPARENCY, ELASTICITY AND RESISTANCE TO OVERCOATING, SUITABLE FOR LIGHT-COLORED WOODS	C376A at 50%
FP271SA	TRANSPARENT BASE COAT WITH NO AROMATIC SOLVENTS	C266SA or C376ASA at 50%
FP726U	TRANSPARENT BASE COAT WITH HIGH LEVEL OF CHEMICAL RESISTANCE, WITH NO AROMATIC SOLVENTS	C376AU or C266SA at 50%
PIGMENTED POLYURETHANE BASE COATS		
FP281EC	WHITE BASE COAT WITH HIGH LEVELS OF COVERAGE AND FULLNESS, SUITABLE FOR MDF	C285 or C268 at 25%
FP285 - FP287	WHITE BASE COATS WITH HIGH LEVELS OF COVERAGE AND FULLNESS, SUITABLE FOR MDF	C285, C287 or C268 at 30%
FP288	WHITE BASE COAT WITH HIGH LEVELS OF COVERAGE AND ELASTICITY, SUITABLE FOR MDF AND FOR OPEN-PORE CYCLES ON WOOD SPECIES	C268 at 40%, C285 at 30%
FP284B	WHITE BASE COAT WITH HIGH LEVELS OF COVERAGE AND ELASTICITY FOR VERTICAL AND ELECTROSTATIC APPLICATIONS, SUITABLE FOR MDF AND TURNED PIECES IN GENERAL	C376A at 40%
FP285SA	WHITE BASE COAT WITH HIGH LEVELS OF COVERAGE AND FULLNESS, SUITABLE FOR MDF, WITH NO AROMATIC SOLVENTS	C285SA at 30%
FP500	HIGH-COVERAGE WHITE BASE COAT	C285 at 30%, C268 at 40%
FP500V	WHITE BASE COAT WITH HIGH SOLID CONTENT FOR VERTICAL APPLICATIONS	C268 at 40%
FP285N	HIGH-COVERAGE BLACK BASE COAT, SUITABLE FOR MDF	C285 at 30%, C268 at 40%
TRANSPARENT POLYURETHANE MATT AND SEMI-GLOSS TOP COATS		
OP550G5V-G90V	TRANSPARENT TOP COATS FOR VERTICAL APPLICATIONS, FROM 5 TO 90 GLOSS	C376A, C275 or C266 at 50%
OP383 SERIES	TOP COATS WITH HIGH LEVELS OF TRANSPARENCY AND SMOOTHNESS, FROM 5 TO 90 GLOSS	C266 or C376A at 50%
OP274G10-G80	HIGH-COVERAGE TRANSPARENT TOP COATS FOR VERTICAL AND ELECTROSTATIC APPLICATIONS, FROM 10 TO 80 GLOSS	C266 or C376A at 50%
OP560G15-G75	TRANSPARENT TOP COATS FOR GENERAL USE, INCLUDING VERTICAL APPLICATIONS, FROM 15 TO 75 GLOSS	C265, C275 or C376A at 50%
OP559G15V-G75V	TRANSPARENT TOP COATS WITH HIGH SOLID CONTENT FOR VERTICAL APPLICATIONS, FROM 15 TO 75 GLOSS	C265, C275 or C376A at 50%
OP446G20-G80	TRANSPARENT TOP COATS WITH HIGH LEVELS OF SURFACE HARDNESS AND SCRATCH RESISTANCE, FROM 10 TO 80 GLOSS	C275, C290 or C376A at 50%
OP575G10-G75	RAPID-DRYING TRANSPARENT TOP COATS FOR OPEN-PORE CYCLES, FROM 10 TO 75 GLOSS	C521 or C218 at 50%
OP401G25	TRANSPARENT TOP COAT FOR AIRLESS APPLICATIONS, 25 GLOSS	C273, C266 or C376A at 50%
OP263G10-G80	SANDABLE TRANSPARENT TOP COATS FOR GENERAL USE, FROM 10 TO 80 GLOSS	C266, C275 or C376A at 50%
OP446G5-G65	TRANSPARENT TOP COATS WITH HIGH LEVELS OF SURFACE HARDNESS AND CHEMICAL RESISTANCE, FOR HEAVY-DUTY SURFACES, FROM 5 TO 65 GLOSS	C376A at 80%
PIGMENTED POLYURETHANE MATT AND SEMI-GLOSS TOP COATS		
OP430 SERIES	WHITE TOP COATS WITH HIGH LEVELS OF COVERAGE AND FULLNESS, FROM 5 TO 50 GLOSS	C376A at 30%
OP400IT	WHITE TOP COAT FOR GENERAL USE WITH HIGH LEVEL OF SMOOTHNESS	C266, C373A or C376A at 40%
OP751G10-G80	WHITE TOP COATS WITH HIGH LEVELS OF COVERAGE AND SURFACE HARDNESS, FOR GENERAL USE, FROM 10 TO 80 GLOSS	C290 at 50%
OP751G10V-G50V	THIXOTROPIC WHITE TOP COATS WITH HIGH LEVEL OF SURFACE HARDNESS, ALSO SUITABLE FOR VERTICAL APPLICATIONS, FROM 10 TO 50 GLOSS	C290 at 50%
OP466BG10	RAPID-DRYING HIGH-COVERAGE WHITE TOP COAT, 10 GLOSS	C376A at 40%
OP789BG10-G20	WHITE MATT TOP COATS WITH HIGH LEVELS OF SURFACE HARDNESS AND RESISTANCE TO MARKING, FROM 10 TO 20 GLOSS	C376A at 50%
OP383DB	DEEP BLACK MATT TOP COAT, 20 GLOSS	C266 or C376A at 50%
OP383NS	BLACK MATT TOP COAT, 20 GLOSS	C266 or C376A at 50%
OP383SA SERIES	TRANSPARENT MATT TOP COATS WITH NO AROMATIC SOLVENTS, FROM 20 TO 55 GLOSS	C266SA or C376ASA at 50%
OP446G20U	TRANSPARENT TOP COAT WITH HIGH LEVEL OF SURFACE HARDNESS, WITH NO AROMATIC SOLVENTS, 20 GLOSS	C376AU at 80%
OP400ITSA SERIES	WHITE TOP COATS WITH NO AROMATIC SOLVENTS, FROM 10 TO 60 GLOSS	C376ASA or C376AU at 40%
OP430G50SA	RAPID-DRYING HIGH-COVERAGE WHITE SEMI-GLOSS TOP COAT, WITH NO AROMATIC SOLVENTS, 50 GLOSS	C379SA at 50%

CODE	DESCRIPTION	CATALYST
TRANSPARENT POLYURETHANE GLOSS TOP COATS		
LP152P	TRANSPARENT GLOSS TOP COAT FOR GENERAL USE	C152AP or C152AP100 at 100%
LP571	TRANSPARENT GLOSS TOP COAT WITH HIGH LEVELS OF SOLID CONTENT AND FULLNESS	C152AP or C152AP100 at 80%
LP167	TRANSPARENT GLOSS TOP COAT WITH HIGH LEVELS OF COVERAGE AND BRILLIANCE, ALSO SUITABLE FOR VERTICAL APPLICATIONS	C152AP, C214 or C152AP100 at 100%
LP152PINC	GLOSS TOP COAT WITH HIGH LEVELS OF TRANSPARENCY, SURFACE HARDNESS AND SCRATCH RESISTANCE	C152AP, C152AP100 or C153AP at 100%
LP571SA	HIGH-COVERAGE TRANSPARENT GLOSS TOP COAT, WITH NO AROMATIC SOLVENTS	C153APSA at 80%
PIGMENTED POLYURETHANE GLOSS TOP COATS		
LP253	WHITE GLOSS TOP COAT FOR GENERAL USE	C152AP at 50%
LP155P	WHITE GLOSS TOP COAT WITH HIGH LEVELS OF COVERAGE AND BRILLIANCE	C152AP at 50% or C152AP100 at 100%
LP167B	WHITE GLOSS TOP COAT WITH HIGH LEVELS OF COVERAGE AND FULLNESS, BRUSHABLE	C152AP at 60% or C154AP at 100%
LP155PSA	HIGH-COVERAGE WHITE GLOSS TOP COAT, WITH NO AROMATIC SOLVENTS	C153APSA at 50%
LP571DB	DEEP BLACK GLOSS TOP COAT	C152AP, C152AP100 or C153 at 100%
LP571NP - LP152NP	BLACK GLOSS TOP COATS	C152AP, C152AP100 or C153 at 100%
ACRYLIC BASE COATS		
FAC221 - FAC921	HIGH-TRANSPARENCY BASE COATS FOR OPEN-PORE CYCLES	C603 or C206 at 20%, C200 at 10%
FAC241	HIGH-COVERAGE TRANSPARENT BASE COAT FOR GENERAL USE	C200 at 10%
FAC243	TRANSPARENT BASE COAT WITH HIGH LEVELS OF CHEMICAL RESISTANCE AND RESISTANCE TO OVERCOATING	C200 at 10%
FAC300UVE	NON-YELLOWING TRANSPARENT BASE COAT WITH HIGH LEVEL OF LIGHT-STABILITY	C200 at 10%
FAC239B	RAPID-DRYING WHITE BASE COAT WITH HIGH LEVELS OF COVERAGE AND FULLNESS	C200 or C209 at 10%
FAC240B	HIGH-ELASTICITY WHITE BASE COAT FOR OPEN-PORE CYCLES	C200 at 10%
TRANSPARENT ACRYLIC TOP COATS		
OAC525G5-G90	NON-YELLOWING HIGH-TRANSPARENCY TOP COATS, FOR OPEN-PORE CYCLES, FROM 5 TO 90 GLOSS	C200, C209 or C153AP at 10%
OAC305G5-G60	RAPID-DRYING TRANSPARENT TOP COATS WITH HIGH LEVELS OF SURFACE HARDNESS AND CHEMICAL RESISTANCE, FROM 5 TO 60 GLOSS	C153APSA at 10%, C200 at 10%
OAC363G5-G80	TRANSPARENT TOP COATS FOR GENERAL USE, FROM 5 TO 80 GLOSS	C200 at 10%
OAC325G10	TRANSPARENT MATT TOP COAT WITH HIGH LEVELS OF SURFACE HARDNESS AND CHEMICAL RESISTANCE, 10 GLOSS	C200 at 10%, C153AP at 15%
OAC306G2	ANTI-GLARE MICRO-TEXTURIZED TRANSPARENT MATT TOP COAT WITH HIGH LEVELS OF SURFACE HARDNESS AND SCRATCH RESISTANCE, 2 GLOSS	C200 at 10%, C206 at 20%
OAC310G2	ANTI-GLARE MICRO-TEXTURIZED TRANSPARENT MATT TOP COAT FOR OAK AND LIGHT-COLOURED WOODS, 2 GLOSS	C200 at 10%, C128 at 20%
OAC305SA SERIES	TRANSPARENT MATT TOP COATS WITH NO AROMATIC SOLVENTS, FROM 5 TO 10 GLOSS	C200 at 10%
OAC301G5UVE	NON-YELLOWING TRANSPARENT MATT TOP COATS WITH HIGH LIGHT-STABILITY, FROM 5 TO 20 GLOSS	C200 at 10%, C206 at 20%
OAC301G20UVE	NON-YELLOWING TRANSPARENT MATT TOP COATS WITH HIGH LIGHT-STABILITY, FROM 5 TO 20 GLOSS	C200 at 10%, C206 at 20%
LAC367	TRANSPARENT GLOSS TOP COAT WITH HIGH LEVELS OF COVERAGE AND BRILLIANCE, FOR EXTERIOR USE	C200 at 35%
LAC626	BRUSHABLE TRANSPARENT GLOSS TOP COAT WITH HIGH LEVEL OF BRILLIANCE	C152AP or C152AP100 at 100%
LAC625	BRUSHABLE TRANSPARENT GLOSS TOP COAT WITH HIGH LEVEL OF BRILLIANCE, APPLICABLE WITHOUT THINNING	C152AP or C152AP100 at 100%
PIGMENTED ACRYLIC TOP COATS		
LAC627B	WHITE GLOSS TOP COAT WITH HIGH LEVEL OF BRILLIANCE	C206 at 30%
OAC700BG10-G20	WHITE MATT TOP COATS FOR OPEN-PORE CYCLES, FROM 10 TO 20 GLOSS	C200 at 10%
PRODUCTS FOR EXTERIOR USE		
IS207	TRANSPARENT POLYURETHANE SEALER WITH HIGH LEVELS OF COVERAGE AND ELASTICITY	C207 at 100%
LP1571-LP157M	POLYURETHANE TOP COATS WITH HIGH LEVELS OF ELASTICITY AND EXTERIOR DURABILITY, 25-60 GLOSS	C153AP at 50%
FP258	WHITE POLYURETHANE BASE COAT/TOP COAT WITH HIGH LEVELS OF ELASTICITY AND EXTERIOR DURABILITY	C153AP at 40%
LP152PINC (+ 2% AA2)	COLORLESS POLYURETHANE GLOSS TOP COAT WITH HIGH LEVELS OF BRILLIANCE AND FULLNESS	C153AP at 100%
IS210	NON-YELLOWING TRANSPARENT ACRYLIC SEALER	C200 at 10%

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

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