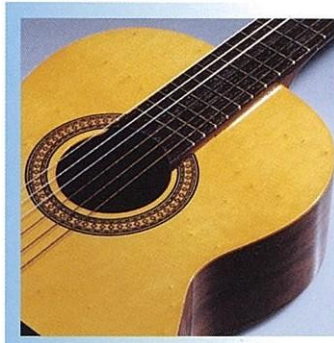
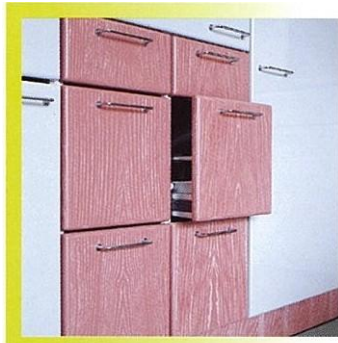




•VERNICI PER LEGNO•



POLYURETHANE
COATINGS

ICA BI-COMPONENT POLYURETHANES

A polyurethane coating is a highly resistant film made from the cross linking of alkyd (glycerophthalic), saturated polyester and acrylic resins, with OH groups which react with poliisocyanates .

ICA polyurethanes are world renowned for giving a truly top class finish. Whether looking for mirror-like high gloss, dead flat matt or anything in between, ICA polyurethanes can give you what you and most demanding clients dream of with less expense and effort than you probably realize.



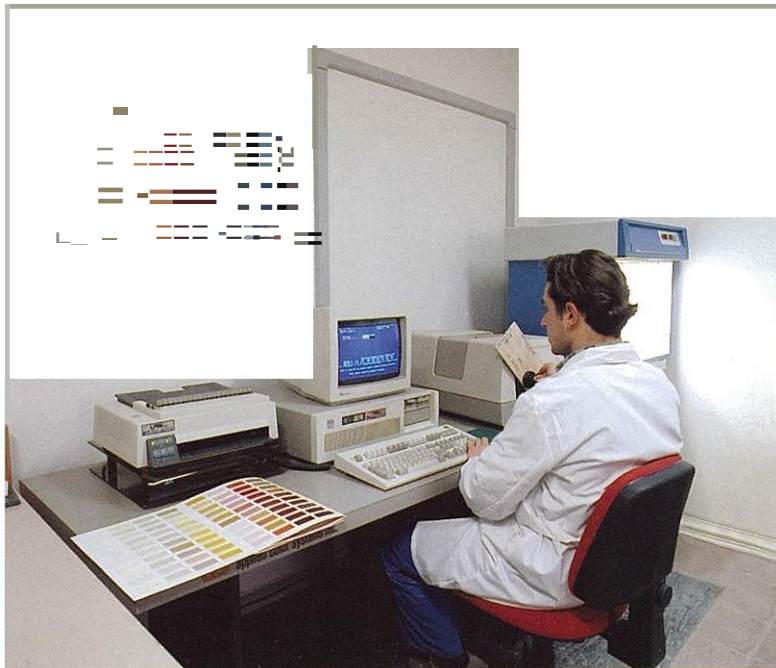
	N/C	PRE-CAT	CONVERSION	PU
GENERAL DURABILITY	4	3	2	1
STAIN RESISTANCE	3	2	2	1
HEAT RESISTANCE	5	4	3	1
MOISTURE RESISTANCE	3	2	2	1
SOLVENT RESISTANCE	5	4	2	1

Key: 1= excellent, 5= poor

These results were obtained in our laboratory and are similar to AWi standards as described in the Architectural Woodwork Quality Standards of 1997 (Section 1 500 - G - 7 & G4).

FEATURES

- *Easy to use - any conventional spray method, roller or curtain coater*
- *Superb scratch, mar and chemical resistance*
- *Full fill without fear of checking or cracking*
- *Almost no shrink back when compared to conventional systems*
- *Excellent clarity*
- *High solid - 42-65 %*
- *HAPS compliant*
- *Clear, tinted and solid colours available*
- *Versatility*
- *Flexibility*
- *Completely formaldehyde free, extremely low DIS levels*
- *Can be sprayed electrostatically*



BENEFITS

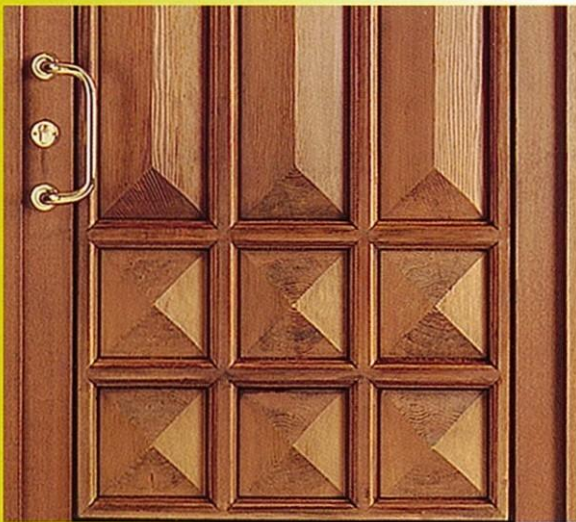
- *Can be used for open pore through to full fill finishes*
 - *Protects against spills and scratches*
 - *Over 2000 formulated colours in a variety of sheens including full gloss and matte*
 - *Deep, vibrant colours and whites obtainable*
 - *High solids means fewer coats, lower voes*
 - *Extremely cost effective*
 - *Pleasant hand feel will draw suprised exlamations from your clients*
 - *No lingering smell*
 - *Suitable for both production line and custom work*
 - *Years of wear without need of touch ups - although touch ups are not difficult*
-

TYPICAL APPLICATIONS

Due to its versatility, anywhere the beautification and protection of wood is paramount. Polyurethane lends itself especially to applications where a durable, resistant and stable finish is required, such as office, public building and kitchen furniture.

/CA produces a wide range of products suitable for every wood-working need-whether matte or gloss, full fill or open pore, "water white" clears or solid colour. Our polyurethanes in particular will give you excellent results using simple application procedures.

Unlike many coatings, polyurethanes can be built coat after coat to achieve a closed pore, full fill without fear of checking or delaminating, as long as basic procedures are followed. Polyurethanes can also be left for a period, then sanded and top coated at a later date. True high gloss (over 95% at 60 degrees) and pure brilliant colours further differentiate the look of these products.



To ensure optimum results with /CA polyurethane products, we list a few simple precautions:

- 1 Ensure nozzle size and air pressure are suitable (typically 1,8 - 2,2 mm for conventional equipment)*
- 2 Use only D1010, D1015, or D1024 as reducers*
- 3 Catalyse accurately (frequently 2:1)*
- 4 Do not rush sanding and drying times*
- 5 Avoid excessively heavy coats especially on the first coat and on hot or humid days*
- 6 Ensure there is no moisture or other contamination in the air lines*
- 7 Check adhesion prior to commencing a project*
- 8 Verify whether a standard or non yellowing catalyst is required*



•VERNICI PER LEGNO•

CODE DESCRIPTION CATALYST**POLYURETHANE BASE COATS/SANDING SEALERS**

FP271	CLEAR UNIVERSAL	C266 at 50%
FP272	CLEAR HIGH BUILD	C266 at 50%
FP272TX	THIXOTROPIC BASE	C266 at 50%
FP281EC	UNIVERSAL WHITE	C285 at 25%
FP285	WHITE HIGH BUILD FOR MDF	C285 at 30%

POLYURETHANE TOP COATS

LP151P	WHITE GLOSS	C152 at 50%
LP151PEC	WHITE GLOSS HIGH BUILD	C152AP at 50%
LP152NP	BLACK GLOSS	C152AP at 100%
LP152P	CLEAR GLOSS	C153AP at 100% or C200 at 70%
LP152PEC	CLEAR GLOSS HIGH BUILD	C152AP at 100%
OP383	MATTE CLEAR	C266 or C376A at 50%
OP384	SEMI - MATTE SATIN CLEAR	C266 or C376A at 50%
OP385	SEMI GLOSS CLEAR	C266 or C376A at 50%
OP4001T	WHITE MATTE	C266 or C376A at 40%
OP400MT	WHITE SATIN SEMI MATTE	C266 or C376A at 40%
OP400T	WHITE SEMI GLOSS	C266 or C376A at 40%

CATALYSTS FOR POLYURETHANES

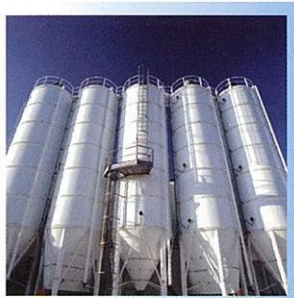
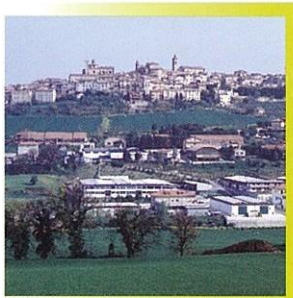
C152AP	NON YELLOWING FOR GLOSS
C152AP100	AS ABOVE, FOR QUICKER POLISHING
C266	STANDARD FOR BASE & MATTE
C285	FOR WHITE BASE COATS
C376A	NON YELLOWING FOR MATTE
C200	ALIPHATIC

ACRYLIC (ALIPHATIC) PRODUCTS

FAC241	CLEAR BASE COAT	C200 at 10%
FAC242	CLEAR BASE COAT HIGH BUILD	C200 at 7%
OAC360	CLEAR MATTE	C200 at 7%
OAC363US	CLEAR MATTE WITH UV FILTER	C200 at 10%
OAC365	CLEAR SEMI GLOSS	C200 at 10%
LAC367	CLEAR GLOSS	C200 at 35%

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

Whilst these types of coatings have been used in Europe for over 3 generations with no harm attributed



/CA S.p.A. - Industria Chimica Adriatica S.p.A. is one of the leading coatings manufacturers in Italy; Founded by Claudio Paniccia and directed by sons Fabio, Sandro and Piero, /CA has specialised in high quality advanced technology coatings for wood since 1971.

With two factories in the dynamic "Marche" region of the Adriatic coast, over 100 /CA employees share the goal with the directors of making /CA S.p.A. the top wood coatings manufacturer in Europe. A fully computerized second factory, state of the art R&D and teaching facilities, a totally dedicated work force and a vast range of products all contribute towards the success of this endeavour.

World wide sales - from Iceland to Qatar, India to New Zealand - have enabled our laboratories to develop products suitable for the widest range of climatic and factory conditions. Large multi facet industrial application lines or small cabinet shops with basic equipment will all find products suited to their needs of producing the best quality work quickly, consistently and economically.



INDUSTRIA CHIMICA ADRIATICA s.p.A.
VERNICI SPECIALI PER LEGNO

Zona IndLeA - Via Maestri del Lavoro - 62012 CIMITANOVA MARCHE (MC) ITALY
 Tel. +39 0733 8080 - Fax +39 0733 808140 Internet: www.icaspa.com E-mail: info@icaspa.com
 SISTEMA QUALITÀ. CERTIFICATO UNIEN ISO 9001:2000 - CERTIFIED QUALITY SYSTEM UNIEN ISO 9001:2000