



■ VERNICI PER LEGNO ■

QUADRUM

R A N G E

WATER-BASED COATINGS
AND UV FOR PICTURE FRAMES



QUADRUM

R A N G E

Ever-increasing pressure to safeguard the environment and protect the health of users is having a significant impact on the picture frames industry.

By leveraging the expertise it has acquired over many years of researching and formulating wood coating products that have minimal environmental impact, ICA has developed a number of highly innovative solutions that successfully meet the specific coating requirements of the picture framing industry. The Italian company has created a comprehensive range of highly specific yet exceptionally versatile coating products that can be used in mixed cycles (using both water-based and solvent-based products) to make the substitution process more gradual while reaping some of the undoubted benefits immediately.

The **QUADRUM** range comprises not only an array of water-based, mono- and bi-component stains, base coats and top coats, but also several dedicated UV base coats, which are suitable for both coater and spray application.

These products deliver a series of unrivaled advantages:

- drastic reduction in solvent emissions into the atmosphere
- absence of auto-combustion of the spray fumes
- reduced over-spray
- more recyclable

ICA's bi-component water-based coatings have been recognized by the European Union through the LIFE program - an initiative that rewards products which use cutting-edge technology to help safeguard the environment.





STAINS

INT.. (series)

Concentrated, water-dilutable stain that produces bright colors. Excellent transparency and resistance to water-based coatings applied on top. Available in 14 colors.

CNA.. (series)

Concentrated, water-dilutable, water-based stain for general use. High levels of transparency, excellent light stability and resistance to water-based coatings applied on top. Available in 16 basic colors, but - thanks to the *STAIN MIX* system - can be produced in any color.

CP.. (series)

Specially formulated stain for coloring coniferous woods in a way that brings out the veining. Available in 20 colors.

GLW.. (series)

Semi-transparent, water-based glaze that simultaneously colors and gives the wood an aged look by accentuating the pore. Available in 10 shades.

INVA.. (series)

Ready to use, water-based coating that is easy to remove and is ideal for aging the surface to which it is applied. Available in 11 shades. A wide range of colors can be produced by using VE207 vehiculating agent with the addition of PA-series pigmented water-based pastes or CNA-series water-based stains.

PN.. (series)

Ready to use water-based stain for brush or sponge application. Available in 15 colors. A wide range of colors can be produced using BXPN with the addition of CNA-series water-based stains.

** For further information on the stains range, please consult the IRIDEA Color catalog.*

VEHICULATING AGENTS

VE202

Vehiculating agent that gives an excellent, highly uniform finish, suitable for the spray application of INT- or CNA-series stains on badly marked wooden surfaces.

VE220EC

Vehiculating agent for the spray application of INT- and CNA-series stains. Thanks to its low viscosity, it is highly brushable.

BASE COATS FOR SPRAY APPLICATION

TRANSPARENT

FA42

Mono- or bi-component transparent base coat, produces a film that is easy to sand and has excellent fullness. High chemical resistance, particularly when catalyzed. Solvent-based coatings may be used as the top coat.

FA47EC

Mono-component transparent base coat. Can be reticulated. Provides exceptional vertical coverage and excellent wettability of the wood fiber. Excellent transparency, fullness and vertical hold. For general use, but - thanks to its high levels of adhesion - is particularly recommended for use in closed pore or semi-closed pore cycles.

FA291

Mono-component transparent base coat. Can be reticulated. Provides excellent wettability of the wood fiber, transparency and vertical hold. This is a very versatile base coat: in open-pore cycles, it produces excellent definition of the pore, whereas in multiple-coat cycles it can achieve high levels of transparency.

FA293

Mono-component transparent base coat. Can be reticulated. Provides excellent wettability of the wood fiber, transparency and vertical hold. This base coat produces excellent definition of the pore in open-pore cycles as well as high levels of transparency in multiple-coat cycles.

PIGMENTED

FA42N

Mono- or bi-component black base coat, produces a film that is easy to sand and has excellent fullness. High chemical resistance, particularly when catalyzed. Solvent-based coatings may be used as the top coat.

FA453B

Mono- or bi-component white base coat, provides excellent coverage and fullness, is easy to sand and delivers exceptional vertical hold.

FA359PNB

Mono- or bi-component white base coat that, once applied, may be brushed or sponged to create effects in relief. Excellent film fullness and high chemical resistance, particularly when catalyzed.

PIGMENTED BASE COATS FOR COATER APPLICATION

FA452B

Mono-component white base coat, provides excellent coverage and fullness. Easy to sand and rapid-drying.

FA350R – FA350N

Mono-component red/black base coat, provides excellent coverage and fullness. Easy to sand and rapid-drying.

TOP COATS FOR SPRAY APPLICATION

TRANSPARENT

AO470G.. (serie)

Transparent, anti-yellowing, mono- or bi-component top coat. Provides excellent chemical resistance and light resistance, and good surface hardness. Available gloss levels: 10, 15, 20, 25, 40, 55, 70 gloss

AO239G.. (serie)

Transparent, anti-yellowing, mono-component top coat. Can be reticulated. Excellent transparency, wettability, vertical hold and smoothness to the touch. Available gloss levels: 10, 20, 40, 55, 65 gloss

AO266G.. (serie)

Transparent, anti-yellowing, mono-component top coat. Can be reticulated. Excellent transparency, wettability and vertical hold. Available gloss levels: 10, 20, 40, 55 gloss

NATURWOOD

Transparent, bi-component matt top coat (5 gloss), highlights the particular characteristics of the wood species used. For maximum effect, apply a two-coat cycle, using NATURWOOD at both stages.

CWA

Transparent, bi-component top coat, produces a wax effect. Excellent chemical resistance. Apply as a single top coat to avoid the wax contained in the coating to cause adhesion problems.

AL106

Transparent, anti-yellowing, bi-component gloss finish (90 gloss). Excellent transparency, fullness, brilliance and hardness. Drying times can be markedly reduced by using hot-air and/or UV lamp systems.

PIGMENTED

AO470/.. (serie)

Pigmented mono- or bi-component top coat. Excellent chemical resistance and light resistance, as well as good surface hardness. The basic component used to make colors in bright shades on the *ICA COLOR* photometric system.

Available gloss levels: 20, 40, 55 gloss

AOB510G.. – AO510/.. (serie)

White or colored, mono- or bi-component top coat. If catalyzed, it delivers excellent light resistance and chemical resistance, as well as good surface hardness. The basic component used to make colors in pale shades on the *ICA COLOR* photometric system.

Available gloss levels: 25, 40, 50 gloss

TSA.. (serie)

Texturized, pigmented, bi-component top coat. Highly scratch-resistant.

Available gloss levels: TSAF.. fine, TSAMF.. medium-fine, TSA.. medium

VMA.. (serie)

Metallic mono- or bi-component top coat, available in the wide range of colors shown in the Metallic brochure. An extensive array of colors can be produced using VMA bases (available in 6 different granule sizes) with the addition of CNA-series water-based stains.

Available granule sizes: VMA060 ultra-fine, VMA050 fine, VMA040 medium-fine, VMA030 medium, VMA020 medium-large, VMA010 large.

**The following special, water-based effects are also available: Multi-color effect, Mother-of-Pearl, Iridescent Mother-of-Pearl, Starry Sky, Ceramic, Wrinkle Effect and Orange-Peel Effect.*





FILLERS AND UV BASE COATS

UVS0015

Semi-transparent UV filler. 100% acrylic. For vacuum coater, for pigmented cycle.

UVS0009

Transparent UV filler for coater application.

UVF0013

Transparent UV base coat for spray application. Use as part of a wet-on-wet cycle after UVS0009.

UVT3001

Transparent, 100% acrylic UV base coat for vacuum coater application.

OTHER PRODUCTS

PA.. (series) Pigmented paste for water-based base coats and top coats. Available in 17 colors.

ADDITIVES

ACQUAD Demineralized water for the dilution of water-based sealers, base coats and top coats.

D1019 Retardant diluting agent for water-based base coats and top coats.

AAW1 UV-absorber additive for transparent water-based base coats and top coats.

AD32 Anti-distension additive for water-based base coats and top coats.

AD77 Thickening additive for water-based base coats and top coats.

AD78 Anti-foam additive for water-based base coats and top coats.

CATALYZERS

CA500 Catalyst for bi-component, water-based base coats and top coats.

CA501 Catalyst for NATURWOOD top coat and bi-component water-based matt base coats and top coats.

CA506 Catalyst for AL106 top coat.

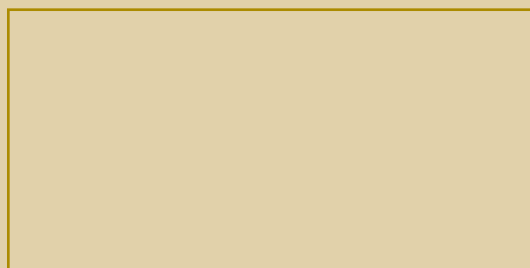
RE101 Reticulating agent for mono- or bi-component water-based base coats and top coats.

Color range

- **STAINS:** in addition to our standard colors, ICA can also produce color samples on request. Moreover, thanks to the **STAIN MIX** tintometric system, it is easy to reproduce any shade in the CNA series autonomously.
- **PIGMENTED TOP COATS:** colors can be selected from three different sample books (**ICA**, **RAL** and **NCS**), which include a total of 2,300 shades, all of which can be faithfully reproduced thanks to the **ICA COLOR** tintometric system. ICA can also produce color samples on request, and can conduct color checks using spectrophotometry.

Abrasives and grinders

ICA's **QUADRUM** range even includes a comprehensive selection of abrasives and grinders that have been specially designed for use with picture frames.



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

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AZIENDA CON SISTEMI DI GESTIONE CERTIFICATI COMPANY WITH CERTIFIED MANAGEMENT SYSTEMS
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