



S-MATT
SUPERPOWER COATINGS

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ULTRA-MATT SURFACES FOR TRENDY FURNITURE

***Design and performance** are the key decorating concepts.*

In line with the need for functionality and convenience of use, materials become ultra resistant as well as of great aesthetic impact.

ICA's R&D team won an important challenge by developing an extraordinary product line that meets exactly these needs.

***S-MATT** is the brand new range of interior coatings with a smart vibe and an edgy aesthetic. An **ultra-matt finish** with an **attractively soft velvety sophisticated texture**, an **anti-reflection design** and **outstanding performance levels**, which is bound to bring the best out of any surface or material. It can be applied on solid wood, natural or reconstituted veneer, MDF, melamine paper, glass and plastic, to protect and preserve the beauty of items.*

***S-MATT** is ICA's response to the latest design trend.*

*With **S-MATT**, furnishings and wooden floors have silky, sensuous material-like effects, creating anti-glare environments or stunning optical mixes with gloss components.*



HI-TECH COATINGS

The **S-MATT** range includes different transparent and pigmented coatings with different types of drying techniques:

- > the **UVX** series uses **UV radiation**;
- > the **UVAX** series uses **UV radiation**;
- > the **UVNX** series uses **UV radiation**;
- > the **UVNAX** series uses **UV radiation**;
- > the **AOX** and **VMAOX** series use **conventional drying methods**;
- > the **OPX** series uses **solvent-based drying methods**.

All of them are hi-tech interior design solutions.

The **UV-curable UVX S-MATT top coats** use **excimer lamps** to achieve matt surfaces without or with a minimum use of matting agents, giving them exceptional chemical and physical properties. They can be applied by **roller, spray and curtain coater**, to create regular and reproducible **smooth or 3D-effect surfaces**. Thanks to their performance, these top coats are **unbeatable solutions for table tops, countertops, wood floors, smooth and textured doors and edges**.

The **UVAX** series combines the technology and benefits of the drying method for water-based products with those of UV curing using excimer lamps. These top coats can be used for **edges and shaped surfaces for vertical use**.

The new **UVNX (UV)** and **UVNAX (water-based UV)** series leverage the innovative UV Nano-Excimer technology, generated by **UV-C lamps without the use of nitrogen (nitrogen-free)**, to achieve **ultra-matt, anti-glare surfaces that are soft to the touch and highly resistant**. This UV curing process **significantly reduces application costs and environmental impact**.

The **two-component water-based AOX -MATT top coats** can be applied by **spray** and are ideal for **vertical surfaces and edges**. This type of coating also belongs to the **VMAOX** series, which offers a special aesthetic effect. These products give surfaces both a metallic and ultra-matt effect.

The **OPX** series includes **solvent-based two-component products** that can be applied as the AOX series.



TECHNOLOGY DRIVING CREATIVITY

*Color is a key design element and **S-MATT** allows you to replicate an unequaled range with **plenty of scope for customization**.*

*Each space is enhanced with unique colors, including metallic finishes, which enable the **utmost creative freedom**, resulting in stunning interiors.*







SUPERPOWERS COATINGS

For modern and functional living environments, coated furniture, furnishing accessories and wooden floors must guarantee excellent quality in terms of beauty and durability. In the kitchen, for example, surfaces have to be anti-fingerprint, scratch-resistant and stain-resistant so as to maintain their aesthetic appeal and touch properties over time.

S-MATT IS THE REVOLUTIONARY COATING WITH SUPERPOWERS

EXTRAORDINARY COATINGS FOR YOUR SENSES

From the first glance to the first touch, you can immediately recognize interior decor items coated with any product of the **S-MATT** range due to their perfectly anti-reflective and soft-touch surface.



ANTI-GLARE

UVX UVAX UVNX UVNAX AOX VMAOX OPX

Surfaces coated with products from the **S-MATT** range are full matt and anti-glare (less than or equal to 5 gloss).



SOFT-TOUCH

UVX UVAX UVNX UVNAX AOX VMAOX OPX

S-MATT products offer a pleasant feel thanks to their extremely soft texture.

THE POWER OF RESILIENCE

S-MATT coatings have **thermal-healing properties**. In the event of superficial scratches, the affected area can be repaired using **heat**, which does not damage the surface but actually “heals” it, restoring its original uniformity and compactness.



The specific composition of the polymers used in **S-MATT UVX, UVAX, UVNX** and **UVNAX** coatings enables elimination of abrasions using the moist heat generated by a hot iron applied on a wet cloth (20” at 140°C).

UVX UVAX UVNX UVNAX



Surfaces coated with products in the **AOX** and **OPX** series can be repaired by lightly rubbing them with a damp cloth or a cloth soaked in warm water. The **OPX** film can also be repaired by heating the damaged surface with a hair dryer for 30” and then rubbing with a wet cloth. For further protection of the **VMAOX** film and effective repair, it is recommended to overcoat with products in the **AOX** serie.

AOX OPX

UNBEATABLE SURFACES IN DAILY CHALLENGES

S-MATT coatings meet various performance requirements for coated wood-based surfaces established by the **UNI 11216** standard.



COUNTERTOPS

UVX UVNX UVNAX

Some products of the **UVX**, **UVNX** and **UVNAX** range comply with the requirements of standard **UNI 11216** for countertops, creating new horizons for the design of kitchens and interior furnishings.



VERTICAL SURFACES

UVX UVAX UVNX UVNAX AOX VMAOX OPX

The products of the **UVX**, **UVAX**, **UVNX**, **UVNAX**, **AOX**, **VMAOX** and **OPX** series comply with the requirements of the **UNI 11216** standard for vertical surfaces.



ANTI-FINGERPRINT

UVX UVAX UVNX UVNAX AOX VMAOX

With **UVX**, **UVAX**, **UVNX**, **UVNAX**, **AOX** and **VMAOX** products, surfaces retain all their charm thanks to anti-fingerprint properties.



SCRATCH RESISTANCE (UNI EN 15186)

UVX UVAX UVNX UVNAX AOX VMAOX OPX

The scratch resistance values established by standard **UNI 11216** for horizontal surfaces and countertops must be higher than 1.5 N. The values of the **S-MATT UVX** and **UVAX** series are higher than 4 N, well beyond the established limits. The values of the **AOX** and **VMAOX** series, which are suitable for vertical surfaces, range from 1.2 to 1.4 N and are therefore significantly higher than standard water-based coatings. The scratch-resistance values of the **OPX** series exceed 4 N. The **UVNX** and **UVNAX** products also far exceed the required limits, reaching values above 3 N.



RESISTANCE TO COLD LIQUIDS (UNI EN 12720)

UVX UVAX UVNX UVNAX AOX OPX

Products in the **S-MATT UVAX**, **AOX** and **OPX** series complies with the requirements established by standard **UNI 11216** for vertical surfaces. Some products in the **UVX**, **UVNX** and **UVNAX** series comply with the requirements established by standard **UNI 11216** for vertical and horizontal surfaces and countertops.



Surfaces coated with the **UVX**, **UVNX** and **UVNAX** series are resistant to coffee stains. They are easy to clean and no trace is left: just use a damp cloth with warm water or mild detergents.

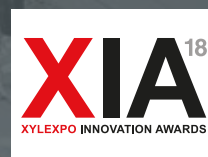
UVX UVNX UVNAX



WATCH THE TESTS

INNOVATION MULTI-AWARD WINNER

In 2018 the ICA's **SUPERPOWER COATINGS** won second place in the “Coating/Finishing” category of the *Xia-Xylexpo Innovation Awards* for their degree of innovation and complete originality.



In 2019, they received the *Interzum Award: Intelligent Material & Design* in the “High Product Quality” category.



Two months later, they conquered the US during the **AWFS** trade fair, the most prestigious international exhibition for the wood industry, earning the *Visionary New Product Award*.





REVOLUTIONARY COATINGS ALSO FOR THE ENVIRONMENT

ICA's cutting-edge solutions always stand out for their high level of environmental awareness.

*Decorating your indoor spaces with **S-MATT** products also means **very low VOC** (volatile organic compounds) **and SVOC** (semi-volatile organic compounds) emissions both during application and indoors, in compliance with the French **A+ classification**.*

*The **S-MATT** range includes products with the highest levels of safety and reliability. It is **formaldehyde-free** and free of Category 1A and 1B **CMR Substances** (Carcinogenic, Mutagenic and toxic for Reproduction). It complies with the European regulation concerning the registration, evaluation, authorization and restriction of chemical substances (**REACH**). It meets the **EN 71** standard for the safety of objects that children come into contact with.*

*The water-based **AOX** and **VMAOX** series, the solvent-based **OPX** series, **UVAX** and almost all of the products of the **UVX** serie are **free of SVHC Substances** (Substances of Very High Concern). The **UVNX** and **UVNAX** series comply with the requirements of the REACH and CLP regulations regarding SVHC substances.*

*The use of **S-MATT** coatings maximizes **production efficiency**. Thanks to the tailor-made coating process of items, there are no cuts or waste of material.*



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