

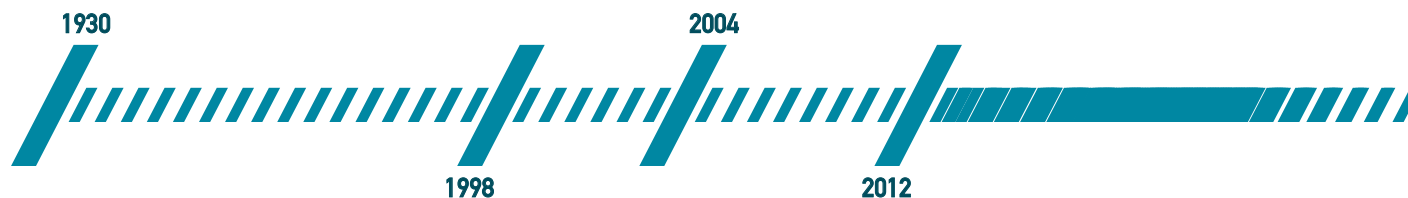


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Italian Coatings is the division of ICA SpA, created in 2012 following the incorporation of Salchi Wood Coatings SpA. **iCO** is the new, modern, high-impact brand, which has been designed to communicate immediately the **Italian DNA of the company**. The iCO division retains intact the personnel, facilities and expertise of **Salchi Wood Coatings**, and shall continue to be based in **Romano D'Ezzelino** (in the province of Vicenza).

Salchi is a longstanding Italian company that has specialized in the manufacture of inks and coatings **since 1930**. In 1998, it was acquired by the German multinational BASF Coatings. In 2004, ICA SpA acquired the entire wood-coatings arm of BASF Coatings and founded a new company, **Salchi Wood Coatings SpA**. The twofold objective was to enrich the product range and increase the market share in Italy and in export markets (particularly in Germany). Since that time, the Vicenza-based company has garnered a reputation for the high quality of its coatings, and today Italian Coatings is carrying that reputation forward.



iCO products are distributed in Italy from the manufacturing plant at Romano D'Ezzelino and through an extensive network of branches, depots and resellers. Outside Italy, Italian Coatings has a presence in Germany through its branch in Heek (Münster) and in Spain through ICA Iberia. The company's products are found in several other countries thanks to a network of depots and distributors.

The basic principles underlying the mission of Italian Coatings are to achieve maximum **quality** and to offer **innovative solutions**. This culture allows for the ongoing development of products that are always on the cutting edge. In an awareness of the crucial role it plays in the competitiveness of its clients' businesses, iCO continues to invest heavily in researching and developing technologically state-of-the-art coatings.

The Italian Coatings **Research & Development** laboratory is constantly working on the refinement of solutions that have the capacity to make the most of its clients' manufactured products, by highlighting their heritage of style, creativity, design and high quality. The objective is to be a **partner** who has what it takes to provide highly efficient support on the effort to find elements that will allow those clients to stand out from their competitors, reduce their costs and respect the environment to an ever-greater extent.

The **technical support team** offers a highly professional service in Italy and further afield for the design and implementation of new coating cycles and for the resolution of any application issues that may arise. In addition, the **training courses** constitute a crucial element within the wide-ranging, in-depth assistance package that Italian Coatings offers its client base.

Ensuring **short turnaround times and on-schedule deliveries** is an essential requirement for Italian Coatings, which succeeds in achieving both objectives throughout Italy and beyond. The company's ongoing commitment towards improving its internal processes – encompassing everything from the advanced management of the warehouses to the auditing of the manufacturing operations – is very much geared towards minimizing order despatch times.



Hi-tech coatings with minimal impact on users and the environment

The main objective of Italian Coatings is to combine **innovation**, **high quality** and **low environmental impact**. The decision to focus squarely on water-based and UV-cured coatings was taken long before the advent of widespread awareness of the need to respect the environment. Indeed, the decision was the outcome of the commitment to safeguarding those who work with the coatings and those who live in contact with the products to which the coatings have been applied.

Thanks to the innovative research activities of the Italian Coatings R&D laboratory, the company has come up with an extensive array of **water-based coatings**, with characteristics that are perfectly comparable to those of more traditional solvent-based coatings. Italian Coatings supports its clients as they move from solvent-based to water-based coatings. Together with the technical support team, the laboratory experts are on hand to propose cutting-edge, high-performance products that are able to ensure the best possible results in terms of aesthetics and performance, with no compromise to the production timescales.

In terms of its iCO-brand solvent-based products, Italian Coatings has developed an innovative range of **high solid content coatings** specifically for the coating of interior furnishings, complementary furnishings and wooden floors. These products are characterized by a high level of solid residue and by the absence of aromatic organic solvents. The iCO range features water-based and solvent-based products that meet the **IOS-MAT** requirements: “**label-free**” and “**monomer-free**” products.

In line with the deep-rooted concept of safeguarding the health of those who apply and live with its products, Italian Coatings has designed the **Aseptica** range of anti-bacterial coatings. These coatings make the surfaces to which they are applied microbiologically clean. For this reason, they are particularly suitable for the coating of spaces such as children’s bedrooms and kitchens, as well as bathroom furnishings and all other furniture that demands to be kept spotlessly clean.

A vortex of colors

iCO-brand products have earned an excellent reputation for the coating of wood thanks to the extensiveness of the range and to the great deal of attention that the company focuses on the **world of color**.

Italian Coatings offers an array of sample books (NCS, RAL, Lacquered and Metallic, Ecocolor stains) that collectively include more than 2,300 colors.

The **tintometric systems** (**ColorStyle** and **ColorStain**) have been specifically designed to provide the client with the tools, software and know-how required to produce any color, whether transparent or affording coverage, independently and easily.

Alongside the standard shades, Italian Coatings is also able to produce – in next-to-no-time – new colors formulated at the **client's request** and, thanks to its constant research into new pigments, it is also able to offer valuable input on the creation of **innovative, cutting-edge colors**.

Italian Coatings has a consolidated reputation as a specialist in the creation of water-based and solvent-based **pigmented UV products**, which it makes available in an endless array of tones (from pastel shades and bright colors) and effects (textured, matt, gloss and metallic). One of the main characteristics of iCO-brand pigmented coatings is their high level of coverage, which makes it possible to achieve excellent results on different types of surfaces. Carefully selected raw materials, constantly updated formulations and latest-generation tools combine to ensure the **excellent replicability** and **consistency of the color**.

The **staining of wood** is another matter to which the iCO laboratory pays a great deal of attention and in which it invests a tremendous amount of passion. The range of water-based and solvent-based stains is unlimited, as is the creativity of those who use the stains, who are open to every possible combination and effect. Indeed, Italian Coatings has always been in a position to make available to users the right range of **stains, patinas** and **antiquing agents**.

To meet the latest interior design requirements Italian Coating has released an innovative range called **ACTIVIN**. The range encompasses a plethora of **reactive stains for Oak and Chestnut**, which – thanks to the interaction between the stains and the substances contained in the wood fiber – make it possible to achieve unique shades that highlight the wood grain with a very natural effect.



MY LAB: Visualizing an innovative project before its on-site creation

The world of Italian Coatings is constantly moving – rather like the imagination of the numerous designers and architects who choose the company's water-based coatings. With great conviction and commitment, Italian Coatings works hard to come up with unexplored paths and to contribute, step by step, to substantial progress in the field of design.

An important milestone reached by the company is the **MY LAB** project – an interactive system whose name reflects the experimental nature of the tool and its continuous evolution in support of those who design buildings, furnishings and interiors and who want to develop the idea that will then be created on site. The system works by means of all-new mono and bicomponent metallic colors – the so-called **Liquid Metals** – which are **water-based** with a view to reducing their environmental impact as far as possible.

With **MY LAB**, Italian Coatings invites users to make the most of color, coming up with balanced and evocative combinations that revolutionize the concept of design.

The pearlescent shades of the Liquid Metals are combined with the **NATURAL MATTER** stains. These stains draw their inspiration from the colors of cereals and spices and are increasingly geared towards highlighting the natural beauty of the wooden surface. The **URBAN MATTER** range, instead, has a distinctly metropolitan flavor. It is composed of high-impact, material-like effects and embodies a style that is at once contemporary, refined, realistic and “imperfect”. It is a style which is very much inspired by the everyday. Using this range, it is possible to produce surfaces with Steel, Cement and Corten effects, retaining the rough appearance of the material being simulated while also offering the warmth to the touch that only wood can provide. The final result is an infinite variety of ever-changing and unique effects.

This is where the true magic of color lies: the art of creating and combining colors to make them the principle features of the domestic environment, endowing those spaces with a personal touch and enabling you to feel right “at home”.

The location of the Italian Coatings base of operations – in the heart of the Bassano hub for high-quality furniture manufacture – has helped the company to become the partner of choice for the furniture industry. The Italian Coatings technical team collaborates with the leading furniture-makers on defining coating products, cycles and effects. The company's R&D laboratory is engaged, on a daily basis, on the creation of paints, patinas, antiquing agents and special-effect coatings, with a view to offering its clients new solutions that are aligned with the latest developments in the fast-moving furniture-production sector.

Performance and aesthetic advantages

Depth and transparency

During the design phase of all iCO products intended for use in the furniture sector, a great deal of attention is focused on the issue of transparency. The use of dark shades – as typically found on Bassano-style furniture – makes it necessary to use special products that are capable of bringing out the grain and color of the wood, conferring extra brilliance and depth to the appearance of the coated article. This aspect is particularly important in the move towards water-based products: innovation should never demand that compromises be made to the features that characterize an ancient tradition.

Adhesion

Ensuring that the coating cycle has the right level of adhesion is crucial. Often, the composition of these coating cycles involves the overlaying of numerous coats of different products, which could compromise adhesion and, therefore, the final result. Italian Coatings always takes full account of this aspect when designing its coating cycles.

Resistance to yellowing

The staining of furniture requires the development of monocomponent solvent-based and water-based coatings that can guarantee excellent color fastness both in the light and in the dark. In the Italian Coatings R&D laboratory, the technicians

have developed monocomponent lacquered and transparent coatings that combine ease of use with excellent light stability and resistance to yellowing.

Application

Ease of use

The high-quality furniture made in the Bassano area is traditionally put together by craftspeople, and so iCO focuses on ease of use by offering monocomponent or ready-to-use coatings. All of these coating products allow for a high level of recovery, thereby limiting waste and reducing the cost of disposal.

New solutions for existing application systems

iCO products, including those that are the most innovative, adapt perfectly to existing application systems, meaning that it is not necessary to invest in special systems in order to use them.

Regulatory standards and testing

| | |
|------------------------------------|-------------------|
| Temperature fluctuation resistance | UNI EN 9429:1989 |
| Adhesion | UNI EN 2409:2007 |
| Color fastness to light | UNI EN 15187:2007 |
| Anti-bacterial activity | ISO 22196:2007 |



Traditionally, one of the main branches of the iCO product family has been geared squarely towards modern furniture-makers. The company's approach is based on full-scale collaboration with the client, all the way from the design phase to the post-sales support phase. Together with the client, Italian Coatings defines the requisite features of the new products, and then closely monitors their development and subsequent utilization. This makes it possible for the company to remain constantly up to date in relation to current trends, to come up with new ideas and to provide designers with valuable support.

Performance and aesthetic advantages

Smoothness to the touch

The Italian Coatings R&D laboratory works intensely on perfecting coatings that deliver excellent aesthetic results, as well as the best possible performance. A piece of furniture is made not just to be looked at, but also touched, used and lived with, and for this reason iCO products are designed to bring out the natural beauty of wood and to offer a velvety effect that is smooth to the touch, in addition to brilliance and durability. In short: aesthetic characteristics that also have chemical, physical and functional aspects.

Surface resistance

The surface effect, whatever it may be, must not come at the expense of functionality. The scratch resistance and hardness of the iCO top coats make them suitable for all types of uses.

Brightness

The company's highly innovative products – such as its water-based coatings – as well as its more traditional transparent and lacquered polyester coatings, all fully satisfy the increasing demand for the high-gloss lacquering of furniture. Italian Coatings specializes in the formulation of matt and gloss UV coatings, which are available in an infinite array of shades.

Resistance to yellowing

Light and dark fastness are both fundamental for those who work with modular systems.

Limited swelling of the wood fiber

The use of porous wood species has led to the development of specific products for Oak and Ash. iCO water-based and solvent-based base coats and top coats with very limited swelling of the wood fiber make it possible to achieve excellent results in terms of pore-marking and pore-wettability, with no risk of unappealing color variations or surface defects.

Application

Versatile products for all types of systems

The experience accumulated by Italian Coatings, alongside its partnerships with the leading producers of coatings systems, together make it possible to ensure that the clients receive the right product, which will work flawlessly on their systems. Even the latest-generation water-based products have been designed to work with existing systems in order to reduce to a minimum the necessity for costly modifications.

Reducing drying times and simplifying the cycles

Reducing the drying times is an objective that Italian Coatings set itself with a view to satisfying the requirements of what is an increasingly hard-to-please market. The rising demand for highly customized products is leading to lower production volumes but higher quantities of more or less unique colors and products. iCO cycles are always versatile and rapid-drying, but the reduced number of coats required in no way compromises the final effect of the coated article.

Regulatory standards and testing

| | |
|------------------------------------|---------------------|
| Resistance to cold liquids | DIN 68861-1:2011-01 |
| | UNI EN 12720:2009 |
| Scratch resistance | UNI EN 9428:1989 |
| Temperature fluctuation resistance | UNI EN 9429:1989 |
| Adhesion | UNI EN 2409:2007 |
| Color fastness to light | UNI EN 15187:2007 |
| Pencil hardness | UNI 10782:1999 |
| Coating of toys | UNI EN 71-3:2002 |
| Anti-bacterial activity | ISO 22196:2007 |

Italian Coatings is highly specialized in the kitchen-coating sector thanks to the company's vicinity to a geographical zone – specifically, the area between Treviso and Pordenone – that plays host to a very high number of businesses operating in the kitchen manufacturing industry. The presence within the zone of an Italian Coatings branch and of an extensive iCO-brand technical support network allows the company to respond very rapidly to the emerging requirements of the manufacturers.

Performance and aesthetic advantages

_____Naturalness of the wood

The company's low-opacity coatings highlight the naturalness of the wood and the beauty of the grain, making users feel as if they are touching an "uncoated" wood. In addition, the water-based coatings revitalize the wonderful shades of the wood.

_____Chemical/physical resistance

No other area in the home is as exposed to aggressive substances as the kitchen. For this reason, iCO-brand coatings offer high levels not only of aesthetic impact but also of stain resistance.

_____Mechanical resistance

Pieces of furniture intended for use in "critical" environments such as the kitchen warrant additional design input. The coating film must be able to resist accidental impacts, scratches and thermal stresses in order to guarantee excellent surface hardness. For this reason, iCO-brand products are tested to ensure compliance with the most stringent international standards of mechanical resistance.

_____Water-based and UV gloss cycles

The ongoing evolution of the iCO range has led to the development of bicomponent water-based and UV pigmented gloss cycles that deliver exceptionally high levels of chemical/physi-

cal performance and can be successfully integrated with traditional solvent-based coatings.

Application

_____Optimization of the coatings cycles

Its in-depth understanding of the market enables Italian Coatings to offer at all times the most appropriate solution to fulfill its clients' requirements. The company always endeavors to match the coating cycles to the available systems, coming up where necessary with "mixed" solutions based on the deployment of different technologies.

Regulatory standards and testing

| | |
|------------------------------------|---------------------|
| Resistance to cold liquids | DIN 68861-1:2011-01 |
| | UNI EN 12720:2009 |
| Scratch resistance | UNI EN 9428:1989 |
| Temperature fluctuation resistance | UNI EN 9429:1989 |
| Adhesion | UNI EN 2409:2007 |
| Color fastness to light | UNI EN 15187:2007 |
| Pencil hardness | UNI 10782:1999 |
| Coating of toys | UNI EN 71-3:2002 |
| Anti-bacterial activity | ISO 22196:2007 |





Interior doors are no longer viewed as a simple feature that serves to separate two spaces – rather, they have become an integral part of any interior design; sometimes doors are designed to have minimalist characteristics, whereas in other contexts the intention is for them to stand out. Door manufacturers work with an extensive range of Italian Coatings’ products – from brushable polyesters to water-based lacquered UV top coats for closed- and open-pore applications – with excellent results that make iCO-brand coatings the solution of choice in the industry. An almost endless variety of models, wood species and finishes is available, and as a result, iCO-brand products have been adapted to an extremely wide spectrum of uses.

Performance and aesthetic advantages

Chemical/physical resistance and tendency to trap dirt

When formulating new products, the technicians at the Italian Coatings R&D laboratory pay close attention to the sector of use, working hard at all times to combine aesthetic appearance and chemical/physical performance. In relation to door manufacture, the coating serves to “defend” the door against the use that is made of it, day in, day out. For this reason, iCO products for doors undergo extensive chemical-resistance testing (stains, detergents, etc.).

Mechanical resistance

Mechanical resistance is an essential characteristic for coatings that are called upon to protect doors, which are subject to frequent stresses. For this reason the Italian Coatings R&D laboratory conducts stringent tests to confirm the excellent surface hardness of the coatings.

Adhesion and stability

The sensitivity of doors to dimensional variations, and the fact that they are constructed using different types of materials, together make it necessary to use coating products that can adapt to the physiological movement of the surface without separating or cracking. Accordingly, iCO products are evaluated in relation to these risks.

Application

Versatile products for all types of systems

The company’s products, including its water-based coatings,

can be adapted to suit any system, with a view to allowing door manufacturers to move towards innovative technologies and lower emissions without having to alter their application systems.

Reduction of in-line emissions

Occupational health is now more important than ever in order to ensure that workers (and, subsequently, users) are fully protected – this is why Italian Coatings aims to reduce the risks posed by contact with and inhalation of its coating products. Alongside the water-based products, the range also includes “label-free” and “monomer-free” UV products.

Regulatory standards and testing

| | |
|------------------------------------|---------------------|
| Resistance to cold liquids | DIN 68861-1:2011-01 |
| | UNI EN 12720:2009 |
| Scratch resistance | UNI EN 9428:1989 |
| Temperature fluctuation resistance | UNI EN 9429:1989 |
| Adhesion | UNI EN 2409:2007 |
| Color fastness to light | UNI EN 15187:2007 |
| Pencil hardness | UNI EN 10782:1999 |
| Tendency to trap dirt | UNI EN 9300:1988 |
| Anti-bacterial activity | ISO 22196:2007 |

The term “complementary furnishings” encompasses a wide variety of products (tables, chairs, turned objects, baseboards, borders, etc.). In order to differentiate these products from the rest of the interior design of which they are part, designers have come up with a wealth of special effects specially conceived to make them stand out.

Performance and aesthetic advantages

_____Tactile sensation

The immense range of special effects available endows wood with a plethora of tactile sensations. Textured effects, for example, make wood feel rough to the touch, whereas soft-touch effects make it feel rubbery and smooth.

_____Chemical/physical resistance

Italian Coatings has developed a number of special coatings for this sector, all of which afford excellent chemical/physical resistance. Specifically, these coatings are capable of avoiding the problems that commonly occur in the coating of edges, stairs, etc. In designing these coatings, there is a particular focus on coverage, adhesion and the possibility to apply the products vertically.

_____Adhesion

Adhesion is an essential requirement for a coating that is called upon to protect furnishings subject to impacts and stresses, such as profiles, edges, baseboards, stairs, seats and tables. All of the products undergo stringent testing of their adhesive properties, both before and after the phase of accelerated aging.

Application

_____Versatile products for all types of systems

Thanks to its partnership with the leading producers of coating systems, Italian Coatings has developed a number of ver-

satile products that can be deployed across a range of different systems, thereby reducing waste and ensuring greater ease of use.

_____Reduction of drying times and simplification of cycles

Rapid-drying products that can be applied with simple cycles, such as those offered by Italian Coatings, ensure reduced working times – a factor that is fundamental for the clients’ competitiveness and for meeting their requirements effectively.

Regulatory standards and testing

| | |
|------------------------------------|---------------------|
| Resistance to cold liquids | DIN 68861-1:2011-01 |
| Scratch resistance | UNI EN 12720:2009 |
| Temperature fluctuation resistance | UNI EN 9428:1989 |
| Adhesion | UNI EN 9429:1989 |
| Color fastness to light | UNI EN 2409:2007 |
| Pencil hardness | UNI EN 15187:2007 |
| Tendency to trap dirt | UNI EN 10782:1999 |
| Abrasion resistance | UNI EN 9300:1988 |
| Coating of toys | UNI EN 15185:2011 |
| Anti-bacterial activity | UNI EN 71-3:2002 |
| | ISO 22196:2007 |



Wooden floors endow rooms with character, warmth and value. There are numerous wood species and just as many types of wooden flooring. Each type of floor stands out in terms of its technical characteristics and its finish. Some wooden floors on the market have had a full-coverage coating applied to them, so that the wood species underneath is no longer visible, whereas other floors are treated with products that retain the “natural” appearance of the wood. With wooden flooring, the look is as important as the substance, but in any case, since the floor will be subject to types of stress that other furnishings do not undergo, it must always be protected.

Performance and aesthetic advantages

Antiqued effect

Italian Coatings has designed coating cycles that endow the floor with a particular “antiqued” effect that is ideally suited to the treatment of open-pore planks, but can also be used on any other type of flooring.

Chemical/physical resistance

iCO-brand products are able to protect the wood not only against the accidental spillage of drinks and other liquids but also against the most common detergents.

Mechanical resistance

The company’s products have been formulated to cope with the stresses to which a floor is normally subject. Resistance to abrasion and surface hardness are essential pre-requisites in the development of these products. It is for this reason that the iCO laboratory has created a specific range of nanotechnological coatings for wooden floors, which guarantee excellent performance.

Adhesion

Adhesion and flexibility are very important. As furniture, chairs and other objects are moved across a wooden floor, the coating layer may be removed, leaving the wood unprotected and subject to rapid degradation. All iCO-brand products are carefully designed to ensure that they adhere as strongly as possible to the underlying surface.

Application

Versatile products for all types of systems

The objective of Italian Coatings is to provide flexible products that are compatible with the most wide-ranging systems. Moreover, various types of effects can be achieved with the same system.

Simplicity of the coating cycles

The ease of use of a product is essential in ensuring the consistency of the result. For this reason, Italian Coatings aims to optimize simple coating cycles composed of a restricted number of products, which work with any type of system and are easy to use. In this way, the company succeeds in putting together replicable cycles that ensure the consistency and rapidity of the coating phases.

Regulatory standards and testing

| | |
|------------------------------------|---------------------|
| Resistance to cold liquids | DIN 68861-1:2011-01 |
| | UNI EN 12720:2009 |
| Scratch resistance | UNI EN 9428:1989 |
| Temperature fluctuation resistance | UNI EN 9429:1989 |
| Adhesion | UNI EN 2409:2007 |
| Color fastness to light | UNI EN 15187:2007 |
| Pencil hardness | UNI EN 10782:1999 |
| Tendency to trap dirt | UNI EN 9300:1988 |
| Abrasion resistance | UNI EN 15185:2011 |

Today, a wide range of materials are used to manufacture pieces of furniture, and glass is becoming an increasingly popular option. Myriad water-based solutions – including transparent, (full and mid-coverage) lacquered, metallic and special effects products – are available from Italian Coatings.

Performance and aesthetic advantages

_____Reduction of environmental impact

The iCO-brand glass range is composed of odorless, mono-component water-based coatings, which – due to their minimal content of volatile organic substances – make it possible to comply with the legislation on the limitation of solvent emissions into the atmosphere.

_____Unlimited range of colors and effects

The variety of effects that can be created with these coatings is extensive. This represents a veritable revolution in the glass sector.

_____Chemical/physical resistance

iCO water-based coatings exceed all of the most important adhesion and chemical/physical resistance tests.

Application

_____Ease of use

The company's products for glass are inflammable, making

them very easy to store. Moreover, they are dilutable in water, so it is very simple to prepare and use them.

_____Versatile products for all types of systems

iCO-brand water-based coatings can be applied by spray gun, curtain coater or roller. Once they have dried (either at room temperature or using ovens up to 70°C), it is then possible to work directly on the coated glass, carrying out operations such as cutting, grinding, sealing and gluing.

Regulatory standards and testing

| | |
|--------------------------------|-------------------|
| Cross-cut adhesion test | UNI EN 2409:2007 |
| Adhesion under damp conditions | Internal method |
| Pull-off test | UNI EN 9240:1987 |
| Chemical resistance | UNI EN 12720:2009 |
| Color fastness to light | UNI EN 15187:2007 |
| Anti-bacterial activity | ISO 22196:2007 |





The Hydrolasur product range, which has been specifically designed for exterior uses, offers users maximum durability. The problem of combining aesthetics and performance in exterior products is well-known, and the iCO-brand products were created in an attempt to solve this problem.

Performance and aesthetic advantages

Long-lasting beauty

Thanks to innovative accelerated-aging tests, which make it possible to analyze product performance very thoroughly, Italian Coatings' Hydrolasur range for exterior frames and shutters seamlessly integrates long-lasting beauty and effective protection.

High-quality formulation

Hydrolasur products contain preservative substances that block the proliferation of fungi and mold, as well as UV filters and pigments that protect the wooden surface over the long term and prevent yellowing and the vitrification of the coating film.

Tested and guaranteed products

The range of exterior products undergoes stringent laboratory testing, not only during the formulation phase but also through subsequent product testing from single batches, with a view to monitoring quality and consistency. In addition, third-party inspections are also commissioned, which are conducted by certified external bodies on the basis of the most stringent regulatory standards (including the relevant EU standard, UNI EN 927).

Nanotechnological coatings

The Hydrolasur range encompasses a series of transparent nanotechnological water-based coatings, which represent the fruit of the high-level experiments carried out by Italian Coat-

ings over many years in the field of nanomaterials. These coatings offer outstanding transparency and resistance to exterior agents.

Application

Cycles to meet every set of requirements

The wide range of impregnating agents and top coats can be applied to all types of wood species commonly used in the construction of frames and shutters. Certain products can be used for extremely rapid cycles, which guarantee excellent protection after just two coats.

Regulatory standards and testing

| | |
|----------------------------|-------------------|
| Blue-stain resistance | EN 152:1988 |
| Rot resistance | ENV 839:2002 |
| Larvicidal effect | EN 46-1:2005 |
| Natural aging | EN 927-3:2012 |
| Steam permeability | EN 927-4:2003 |
| Water permeability | EN 927-5:2007 |
| Artificial aging | EN 927-6:2006 |
| Resistance to cold liquids | UNI EN 12720:2007 |
| Resistance to blocking | EN ISO 4622:1996 |

| Products | Code | Type | | Transparent | | Pigmented | | Textured | Metallic and special effects |
|--|---------|-------|-----------|-------------|-------|-----------|-------|----------|------------------------------|
| | | Water | Solvent | Matt | Gloss | Matt | Gloss | | |
| Additives | SR... | X | X | | | | | | |
| Catalyzers | SC... | X | X | | | | | | |
| Stains | HS8... | | X | | | | | | |
| | HW8... | X | | | | | | | |
| Thinners | SV... | | X | | | | | | |
| Pastes | HS24... | | X (PU) | | | | | | |
| | HS25... | | X (ACR) | | | | | | |
| | HS34... | | X (PE-UV) | | | | | | |
| | HW90... | X | | | | | | | |
| Nitro-cellulose coatings | HS0... | | X | X | X | X | X | X | |
| Coatings for exteriors | HW78... | X | | X | | X | | | |
| | HS6... | | X | X | X | | | | |
| Coatings for interiors | HW6... | X | | X | X | X | X | X | X |
| Coatings for glass | GW... | X | | X | | X | | X | X |
| Pigmented coatings and special effects | HS9... | | X | | | X | X | X | X |
| Polyester coatings | HS3... | | X | X | X | | X | | |
| Polyurethane and acrylic coatings | HS2... | | X | X | X | X | X | X | X |
| UV coatings | HS4... | | X | X | X | X | X | | X |
| | HW4... | X | | X | X | X | X | X | X |

| Tintometric systems | Spray | Application Roller | Curtain coater | Certifications and standards |
|------------------------|-------|--------------------|----------------|--|
| | | | | |
| | | | | |
| ColorStain | X | X | | |
| ColorStain | X | X | | |
| | | | | |
| ColorStyle | | | | UNI EN 71-3:2002 |
| ColorStyle | | | | UNI EN 71-3:2002 |
| ColorStyle | | | | UNI EN 71-3:2002 |
| ColorStyle | | | | UNI EN 71-3:2002 |
| | X | X | X | UNI EN 71-3:2002 |
| ColorStyle | X | X | | EN 927-3/4/5/6, EN 152:1988, ENV 839:2002, EN 46-1:2005, UNI EN 12720:2009, EN ISO 4622:1996 |
| | X | X | X | |
| ColorStyle | X | X | X | Food-grade certification, UNI EN 71-3:2002, EN ISO 16000-9-06, IOS-MAT 0066, ISO 22196:2007 |
| ColorStyle, ColorStain | X | X | X | UNI EN 71-3:2002, ISO 22196:2007 |
| ColorStyle | X | | X | UNI EN 71-3:2002, ISO 22196:2007 |
| | X | X | X | UNI EN 71-3:2002 |
| ColorStyle | X | X | X | RINA certification, Certification of fire-retardancy, UNI EN 71-3:2002, ISO 22196:2007 |
| ColorStyle | X | X | X | UNI EN 71-3:2002, ISO 22196:2007 |
| ColorStyle | X | X | X | UNI EN 71-3:2002, ISO 22196:2007 |





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