

Ecofilm[®]

AL AGUA / WATER BASED

Water-based innovation & development

*High quality eco-sustainable solutions
Research and development to preserve the environment*

IRIS
INDUSTRIAS QUÍMICAS

WHEN TECHNOLOGY SHINES





COMPANY

Chemical company specialised in the production and distribution of varnishes and paints. INDUSTRIAS QUÍMICAS IRIS, S.A. was founded in 1975, when it began to produce its first products for the protection and embellishment of wood.

The company developed both in production and in the quality of its products and it was in 1986 when it finally moved to its current location in Picassent.

Although always committed to quality and variety, we currently have a range of over 2000 products ranging from conventional products (solvents, stains, patinas, glazes, varnishes and solvent-based paints) to the most innovative products such as UV varnishes and paints, flame retardant products, water-based varnishes and paints and 100% solid systems).





QUALITY

Concern for the protection of coated substrates is nothing new. In the past, the application of bituminous substances was used to immunise it.

These processes have been developed over time to obtain products with a very specific function: to protect the substrate against any type of agent. Nowadays, this is no longer sufficient, as there is a demand to create less harmful products that are not only environmentally friendly, but also respectful of the health of workers and consumers.

Thanks to the experience acquired, constant evolution and technology, IRIS has a line of water-based products for indoor and outdoor use ECOFILM, with which innovative finishes are achieved:

1. Maintain the aesthetic appearance.
2. They guarantee a level of resistance comparable to those obtained with a solvent base.

ECOFILM water-based varnishes for exteriors allow a better exchange of humidity between the substrate and the exterior, greater protection against solar radiation and broad-spectrum fungicide protection. All these properties make these products highly resistant to the exterior against the passage of time on the substrate applied.

The quality of IRIS products is guaranteed by its brand and by the ISO 9001/2000 certification, as well as the ISO 14.001 that commits us to the environment and that year after year is achieved.

INDUSTRIAS QUÍMICAS IRIS is a company committed to R+D+I. As a result of this research into water-based products, the ECOFILM brand was created, which covers all the products made by INDUSTRIAS QUÍMICAS IRIS as water-based products.





PRODUCT AND APPLICATIONS

The ECOLFILM range is made up of an extensive series of water-based products developed for the protection and embellishment, not only of wood, but also in all those manufactured products in which it is present (exterior carpentry, interior furniture or parks). We can also protect and stain supports, give special finishes, offer UV products, glass applications or even fireproof products.

There is a wide range of products that due to their high physical-chemical performance are valid for indoor and outdoor processes and are identified by the acronym WIE. Depending on the location of the manufactured products, there are two main groups of water-based products:

OUTDOOR PRODUCTS

AQUAIMP WIE:

Products for outdoors (and also indoors) consisting of the WIE-2100 and WIE-2101 series. Products created for the protection of wood against the different fungi present in it and solar radiation (UV and IR). Their selection will depend on the type of wood (coniferous or hardwood).

AQUAFOND WE AND AQUATER WE:

Products developed to prepare the substrate to be finished later with the AQUATER series. The wood is enhanced and protected from the different aggressive agents to which it is exposed (pollution, humidity, cold, heat, etc.). The choice of one product or another will depend on the furniture to be protected (windows, doors, fences, pergolas, beams, etc.).

AQUAPAST WE

These are pigment pastes developed for the lacquering of the previous series and in which the pigments with the best outdoor performance have been selected.



INDOOR PRODUCTS

AQUATINT WI, AQUAGLAS WI and AQUAPAT WI:

Stains, glazes and patinas developed for the embellishment of wood. All three series are available in a wide range of colours.

AQUAFOND WI and AQUATER WI:

They are one or two-component or UV-cured products, developed in different qualities of chemical/mechanical resistance depending on the requirements of the manufacture (doors, chairs, tables, playgrounds,...).

AQUAPAST WI:

This is a wide range of pigment pastes developed for the coating of the previous series.

SPECIAL PRODUCTS

A development like ours offers unique products with incredible characteristics. We are talking about special finishes, flame retardant safety, UV products and even application on glass or tarpaulins. Some examples are the following:

IGNITER EC-WI PARQUET:

Certified product with good fire performance and high abrasion and impact resistance even on commercial floors.

AQUATER WI-UV:

UV-drying aqueous topcoat with an unbeatable feel and high physical-chemical resistance. It is available in different degrees of gloss.

AQUATER WI PEELABLE:

The definitive solution to protect surfaces while preserving the substrate. It is a highly resistant product that is removed leaving the surface intact.

AQUATER WI RAINDROP:

Waterdrop effect finish with multiple applications, variations and characteristics of speed and durability. Fully customisable.



Industrias Químicas Iris, S.A.
continues to evolve in research
and development of
sustainable products
for all markets.

Contact our technical
or commercial department
if you need advice.



Ecofilm 







ECOFILM: WATER-BASED PRODUCTS FOR SUSTAINABILITY

The impregnating agents of the AQUAIMP series together with the varnishes of the AQUATER series are aqueous products of exceptional quality specially designed for the varnishing of wood exposed to the exterior (wooden houses, windows, shutters, blinds, balconies, etc...) and interior.

They stand out for their excellent resistance to UV radiation, the particular hygroscopic and elastic treatment given to the products allows the wood to breathe naturally. The impregnating agents are also characterised by their high level of uniformity, reducing the return of colour in the heads.

It is essential to select the right impregnating agent depending on the wood (softwood or hardwood) to be varnished, impregnating agents series WIE-2100 for softwoods and series WIE-2101 for hardwoods.

Depending on the application equipment available, the desired final quality and the type and shape of the substrate to be varnished, different processes are available. It is therefore recommended that you contact our technical department for advice on which products and processes are most suitable for this purpose.

**PROTECT SURFACES
AND OUR
ENVIRONMENT.**

**BE THE HUMAN
OF THE FUTURE
TODAY.**





TO CONTACT US

Our team of technicians will be able to advise you as well as on-site configuration of the use of our products with the help of the Technical Assistance Service (TAS) to optimise your results.

Ask your sales representative or directly through administration or our website.

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