

FIRE RETARDANT

Quality and protection
For surfaces

IRIS
INDUSTRIAS QUÍMICAS



COMPANY

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

Although we are 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).

PASSIVE PROTECTION AND QUALITY

The processes have been developed over time to achieve products with specific functions

The Industrias Químicas Iris fireproofing line is made up of a range of products that comply with the required fire prevention regulations (European standard UNE EN 13501-1:2019) and that improve the reaction to fire.

Additionally, all these products are highly appreciated in the market not only for their excellent chemical-physical properties, but also for the magnificent finishes they provide to our customers' products.

Through experience, continuous development and technological progress, Industrias Químicas Iris can offer a line of products with innovative results:

- Surfaces maintain the aesthetic appearance.
- Guarantee a better reaction to fire.
- Are available in transparent and pigmented.
- All gloss ranges. Solvent and water based.

Industrias Químicas Iris products quality is guaranteed by its brand and by the ISO 9001/2000 certification, as well as by the ISO 14.001 that we are compromised with 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.

Our products have the following classification:

B s1 d0

For floors / Standard: UNE-EN 13501-1:2019

B_{fl} s1

Other products / Standard: UNE-EN 13501-1:2019

FIRE RETARDANT

BASECOATS AND FINISHES

Industrias Químicas Iris flame retardant line consists of a wide range of products: ultraviolet flame retardants, transparent and pigmented flame retardants and parquet flame retardants. They preserve the properties of the wood while guaranteeing high aesthetic standards, as well as acquiring **B s1 d0** and **BflS1** (accredited by the AIDIMME technological institute) ratings for construction products and building elements.

IGNIFOND EC-5116 UV CF

This is an ultraviolet drying acrylic putty (base). It's characterised by its high coverage, its high reactivity and ease of sanding and has fireproof properties. This putty is prepared to remain on the roller without thickening, thus avoiding the addition of solvent. Background preparation on wood veneer or MDF. This base must always be accompanied by IGNITER EC-6020 UV CF in order to certify and guarantee that it complies with the **UNE EN 13501-1:2019** standard and is classified with **B s1 d0**.

IGNIFOND EC-1600 (TRANSPARENT)

It's a fast drying aliphatic polyurethane acrylic primer with good machine sanding. Its most important characteristics are transparency, excellent resistance to yellowing and fireproof properties. It is used as a preparation background for wood. This base must always be accompanied by IGNITER EC-2400 in order to guarantee and certify that it complies with the **UNE EN 13501-1:2019** standard, being classified with **B s1 d0**.

IGNIFOND EC-1800 (PIGMENTED)

This is a pigmented aliphatic polyurethane acrylic base available in a wide range of colours. It has good coverage, good sanding and good recoating with IGNITER EC-2600 series. Its fireproof properties have been tested according to the **UNE-EN 13501-1:2019** standard and its reaction to fire behaviour has been classified with **Bs1d0**. Used as a fireproof background on fireproof MDF supports to be finished with IGNITER EC-2600 PIGMENTED series.

IGNITER EC-WI PARQUET

Water-based aliphatic polyurethane varnish for floors. According to the **UNE-EN 13501-1:2019** standard, its reaction to fire behaviour is classified as **BflS1**. According to the **UNE EN 14354:2017** standard regarding abrasion and impact, the product is suitable for wooden floors for general COMMERCIAL USE, with heavy traffic. It has excellent transparency, drying and hardness properties comparable to traditionally used solvent-based products. Available in various gloss grades. It is a single product to be used as an undercoat and finish on raw or previously stained wood.

IGNITER EC-6020 UV CF

AUV-drying acrylic finish. It is characterised by its good stretching, uniformity of shade, touch, hardness and fire-resistant properties. The product is prepared to remain on the roller without thickening, thus avoiding the addition of solvent. As a finish for the flat parts of the furniture, doors and boards previously anchored and sanded. This finish must always be accompanied by IGNIFOND EC-5116 UV CF in order to guarantee and certify that it complies with the **UNE EN 13501-1:2019** standard and is classified with **Bs1d0**.

IGNITER EC-2400 (TRANSPARENT)

It is a transparent aliphatic acrylic finish that dries quickly with a good feel. Its most important characteristics are its transparency, its excellent resistance to yellowing and its fireproof properties. Available in various degrees of gloss. Used as a finish for finishing the wood. This finish must always be accompanied by IGNIFOND EC-1600 in order to guarantee and certify that it complies with the **UNE EN 13501-1:2019** standard, being classified with **B s1 d0**.

IGNITER EC-2600 (PIGMENTED)

This is a serie of finishes in aliphatic polyurethane acrylic with good coverage, excellent resistance to yellowing and good physical, chemical and mechanical resistance. Available in a wide range of colours and from deep matt to high gloss. Its fire-resistant properties have been tested in accordance to **UNE EN 13501-1:2019** and its reaction to fire behavior has been classified as **B s1 d0**. Polyurethane finish for application on IGNIFOND EC-1800 series.

IGNITER EC-2074

New acrylic flame retardant coating with excellent resistance to yellowing and good chemical and mechanical resistance.

It's a single product to be used as a primer and finish.

In accordance with European standards **UNE-EN 13823:2021+A1:2023** and **UNE-EN ISO 11925-2:2021**, it obtains the classification: **B s1 d0**. This means a reduction in the risk of propagation, dripping and smoke emission. Especially for public places.

IRIS

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