SINCE 1969

IRURENA

WOOD COATINGS

AQUEOUS FIRE-RETARDANT PROCESS
ENHANCED CLASSIFICATION

EUROCLASS FOR INTERIOR WALLS AND CEILINGS

NEW

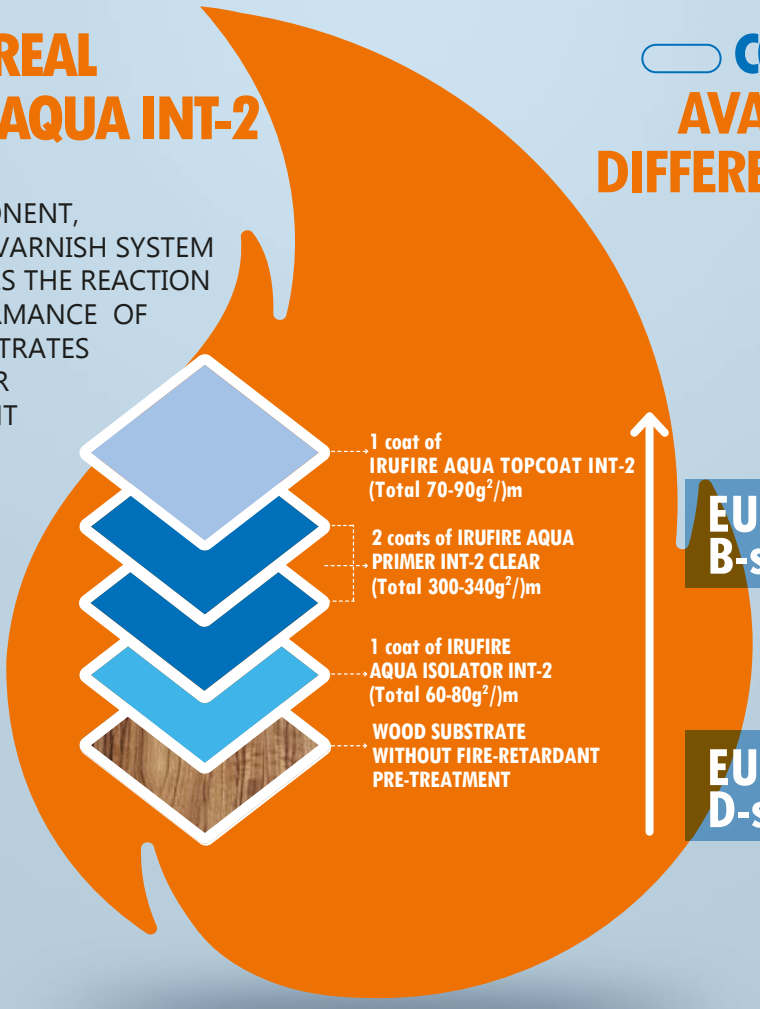
★ ★ ★
MAXIMUM ACHIEVABLE CLASSIFICATION
★ ★ ★

IRUFIRE REAL
B-s1, d0 AQUA INT-2

SINGLE-COMPONENT, WATER-BASED VARNISH SYSTEM THAT ENHANCES THE REACTION TO FIRE PERFORMANCE OF WOODEN SUBSTRATES WITHOUT PRIOR FIRE-RETARDANT TREATMENT

HALOGEN-FREE

COLOURLESS
AVAILABLE IN DIFFERENT GLOSS LEVELS



EUROCLASS B-s1,d0

EUROCLASS D-s2,d0

TESTED BY:

AFITI LICOF

+34 943 157 099 info@irurenagroup.com www.irurenagroup.com

AQUEOUS FIRE-RETARDANT PROCESS

This process makes it possible to improve the fire classification of untreated wooden substrates, enabling their use on interior walls and ceilings. "Euroclass B-s1,d0 classification in accordance with EN 13501-1 "Fire classification of construction products and building elements. Part 1: Classification using data from reaction to fire tests".

This process consists of two products:

IRUFIRE AQUA ISOLATOR INT-2. It is a single-component primer designed to improve the transparency of the system. A total of 60–80 g/m^2 must be applied.

IRUFIRE AQUA PRIMER INT-2 CLEAR. It is a single-component varnish. This product is an intumescent primer. A total of 300–340 g/m^2 must be applied.

IRUFIRE AQUA TOPCOAT INT-2. Single-component, water-based varnish. This product is a clear or tinted transparent finish (according to sample) and is available in different gloss levels, ranging from deep matt to semi-matt). A total of 70–90 g/m^2 must be applied).

These products can be applied using different spray systems (conventional spray, airmix and airless). The process provides good coverage, smoothness, hardness, and excellent mechanical and chemical properties. And, above all, it should be noted that these products **do not contain halogenated compounds.**

The tests have been carried out on a standard substrate according to EN 13238 "Reaction to fire tests for building products. Conditioning procedures and general rules for substrate selection". Particleboard without fire-retardant treatment with a density of 680 ± 50 g/cm^3, a thickness of 12 ± 2 mm and classified as D-s2, d0 (FIGRA 500 ± 100 W/s and TSP 50 ± 20 m^2) tested in accordance with EN 13823.

We at IRURENA GROUP are ready to put our expertise at YOUR service.

Irurena Group Ctra. de Tolosa s/n - Apdo. 30 Azpeitia, Gipuzkoa 20730 Spain

IRURENAGROUP ADVANCED TECH COATINGS