

SINCE 1969

IRURENA

WOOD COATINGS

AQUEOUS FIRE-RETARDANT PROCESS ENHANCED CLASSIFICATION

EUROCLASS FOR INTERIOR WALLS AND CEILINGS



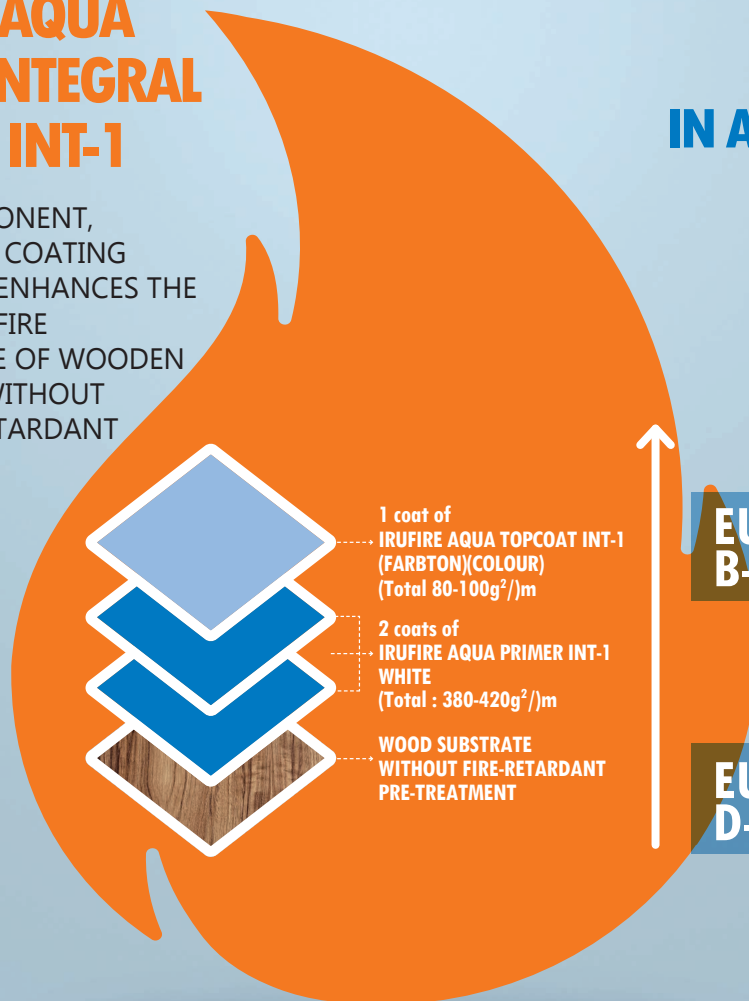
MAXIMUM ACHIEVABLE CLASSIFICATION



**IRUFIRE AQUA
REAL & INTEGRAL
B-s1, d0 INT-1**

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

HALOGEN-FREE



1 coat of
IRUFIRE AQUA TOPCOAT INT-1
(FARBTON)(COLOUR)
(Total 80-100g²/)m

2 coats of
IRUFIRE AQUA PRIMER INT-1
WHITE
(Total : 380-420g²/)m

WOOD SUBSTRATE
WITHOUT FIRE-RETARDANT
PRE-TREATMENT

**EUROCLASS
B-s1, d0**

**EUROCLASS
D-s2, d0**



**AVAILABLE
IN ALL COLOURS**

TESTED BY:



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 PRIMER INT-1 WHITE. It is a single-component, water-based paint. This product is a white primer. A total of 380–420 g/m² must be applied.

IRUFIRE AQUA TOPCOAT INT-1. It is a single-component, water-based paint. This product is a pigmented topcoat and is available in different colours. A total of 80–100 g/m² 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/cm³, a thickness of 12 ± 2 mm and classified as D-s2, d0 (FIGRA 500 ± 100 W/s and TSP 50 ± 20 m²) tested in accordance with EN 13823.

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