

SINCE 1969

IRURENA

WOOD COATINGS

FIRE RETARDANT ACRYLIC UPGRADING PROCESS

(EUROCLASSES FOR INTERIOR WALLS AND CEILINGS)



BEST CLASSIFICATION

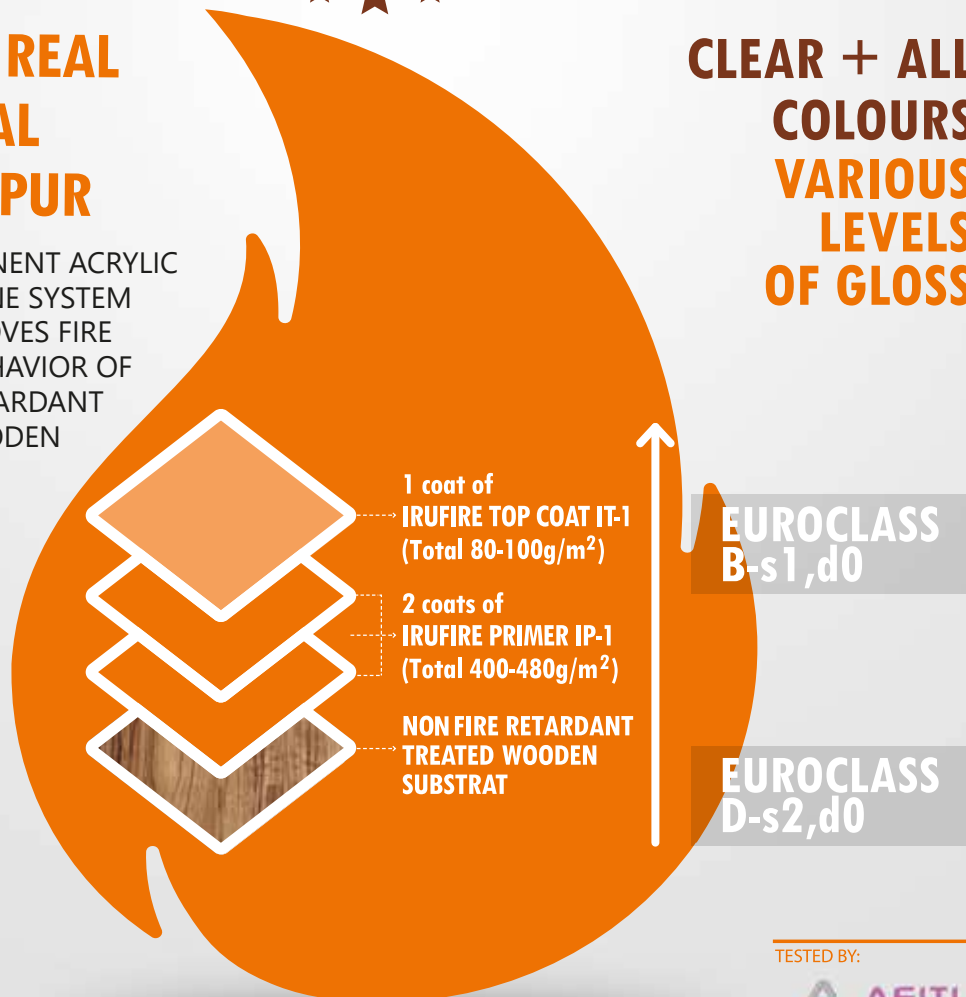


IRUFIRE REAL INTEGRAL B-s1,d0 PUR

TWO COMPONENT ACRYLIC
POLYURETHANE SYSTEM
WHICH IMPROVES FIRE
REACTION BEHAVIOR OF
NON FIRE RETARDANT
TREATED WOODEN
SUBSTRATES

**FREE OF
HALOGENS**

**CLEAR + ALL
COLOURS
VARIOUS
LEVELS
OF GLOSS**



TESTED BY:



FIRE RETARDANT ACRYLIC UPGRADING PROCESS

This process improves the classification of non fire retardant treated wooden substrates which end use is the coating of interior walls and ceilings. "Classification B-s1,d0 according to EN 13501-1 based on the fire behavior of construction products and building elements. Part 1: Classification from data obtained in reaction to fire tests".

This process consists of two products with their corresponding catalyst:

IRUFIRE PRIMER IP-1. This product is a clear two component acrylic polyurethane basecoat. A total amount of 400-480 g/m² must be applied.

IRUFIRE TOP COAT IT-1. It is a two component acrylic polyurethane lacquer. It is available in different gloss levels (from deep matt to gloss) and clear or pigmented (by adding the necessary quantity of pigment pastes from the "PASTA PIGMENTARIA 9.7XX" range). A total of 80-100 g/m² should be applied.

CATALYST IRUFIRE. It is an aliphatic hardener. It must be mixed 10 to 1 by volume with **IRUFIRE PRIMER IP-1** and with **IRUFIRE TOP COAT IT-1**.

These products can be applied by different spray systems (airspray, airmix and airless). The process has good covering power, smoothness, surface hardness, mechanical and chemical properties, and is completely **free of halogenated compounds**.

The tests were performed on a standard substrate according to EN-13238 "Reaction to fire tests for building products - Conditioning procedures and general rules for selection of substrates". Particle board not fire retardant treated with a density of 680 ± 50 g/cm³, a thickness of 12 ± 2 mm and classified D-s2,d0 (FIBRA 500 ± 100 W/s y TSP (50 ± 20 m²) tested according to EN 13823.

At IRURENA GROUP we would be delighted to share our experiences with you.