



PANGUA-FIRE

COMMITTED TO SAFETY

COMMITTED TO PERFORMANCE



Fire retardant plywood classified B-s1,d0 according to European Standards EN 13501-1 and in conformity with American Standards ASTM E-84 Class A. An engineering, innovative and modern treated material, to improve safety and reduce the risk of fire. A further contribution to the use of plywood of unique, fantastic character with fire protection properties.

PANGUA-FIRE

Pangua-Fire plywood is pressure impregnated, fire-retardant treated, and designed to be used for **interior applications**. **Pangua-Fire** has been proven to be safe, strong, effective, in both industry test and projects carried out all around the world.

Pangua-Fire is part of our **Project** range and **available for most of our products and sizes**.

FIRE PERFORMANCE

EN13501 part 1 standard describes the European classification for the reaction to fire of building materials. Classification is based on the material's behaviour in reference scenarios. The classification for wall and ceiling materials is based on the contribution to fire development the material will give in a scenario with a fire starting in a small room by a single burning object (SBI).

Pangua-Fire performances are in accordance to:



Class B fire behaviour classification: materials that will not lead to a flashover, however they can contribute to the fully developed fire after 20 minutes.

S1 Smoke contribution: little or no smoke.

d0 burning droplets: no droplets.

REGISTRATION AND TEST PROCEDURE

Pangua-Fire is registered since 2011 under number 0497/CPR/4379 from the Italian certification body **CSI - Group IMO** in compliance with Council Directive 305/2011/EU.

Pangua-Fire is tested and approved by **MPA Fire Safety-Department** - Otto Graf Institute - University of Stuttgart. MPA Fire Safety Department is notified by Wirtschaftsministerium Baden-Württemberg and Deutsches Institut für Bautechnik (DIBt) in Berlin.

APPLICATION AND ADVANTAGES

Pangua-Fire finds applications in **public buildings, housing constructions, offices, schools, hotels**.

Plywood properties will not modify after cutting or sanding. The advantages are represented by the characteristics of our plywood: lightweight, easy machining, finishing and handling. Guaranteed by the use of **100% Made in Italy Poplar** plantations or in combination with most certified sustainable species.

PANGUANETA PRODUCT RANGE

Classic
VERSATILE AND
FUNCTIONAL

Superior
RELIABLE
AND STABLE

Eco
CERTIFIED AND
TRACEABLE

Project
TECHNOLOGICAL
AND REFINED



AUTOMOTIVE



**FURNITURE
AND DESIGN**



**ARCHITECTURE
AND CONSTRUCTION**



PARQUET

DISCLAIMER OF LIABILITY

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www.panguaneta.com



Panguaneta S.P.A.
Via Gino Solazzi 19
46018 Sabbioneta (MN) ITALIA
Tel. +39 0375 223411
sales@panguaneta.com