

PANGUA-FIRE *SPECIALS*

TUTTO PIOPPO

REVISION 01 FEBRUARY 2021

DESCRIPTION

Plywood panels made exclusively of poplar veneers, modified by an innovative fireproofing treatment which makes the whole panel exceptionally resistant to fire even after sanding or other kinds of machining. The range PANGUA-FIRE *SPECIALS* is composed by:

- PANGUA FIRE-SEA P: certified for use in shipbuilding industry according with the European Norm IMO-MED for marine equipment.
- PANGUA FIRE-RAIL P: certified for use in rail industry according with the European Norm EN 45545 for railway rolling stock.

PANGUA-FIRE *SPECIALS* thanks to their characteristics of lightness and durability combined with their fire-retardant performances, these panels are perfect for interior building for the transport of people and goods both by sea and by rail. On demand PANGUA-FIRE *SPECIALS* can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

APPLICATIONS



BOATBUILDING

FURNITURE
AND DESIGNARCHITECTURE
AND CONSTRUCTION

PARQUET

CERTIFICATIONS



FIRE SEA



FIRE RAIL

GLUING

CLASS
1

FORMALDEHYDE RELEASE



E1



E05

ON DEMAND

SIZES

	Standard	Unit	Value						
Standard sizes		mm	2500 x 1220– 3100 x 1530						
Thickness	EN 315	mm	8	10	12	15	18	25	30
Layers		nr.	5	5	7	7	9	11	13

FEATURES

	Standard	Unit	Value	
			PANGUA FIRE-SEA P	PANGUA FIRE-RAIL P
Voluminal mass	EN 323	Kg/m ³	450 ± 10%	
Bending strength Long grain/ Cross grain	EN 310	N/mm ²	≥25 / ≥15	≥15 / ≥15
Modulus of elasticity	EN 310	N/mm ²	≥3000 (average L/T)	
Thermal conductivity	EN 10456	W/m K	0,12	
Moisture	EN 322	%	8 ÷ 12	
Reaction to fire	IMO MSC.307(88) Annex 1 Part.5		Compliant with MED/3.18a	---
	EN 45545-2		---	Compliant

None of the following tests has been subject to preliminary conditioning. The specific values are average values referred to the normal production. It is responsibility of the customer to determine if Panguaneta's products are suitable for the wished applications and to ensure that places and way of use comply with the supplier's instructions and with the law in force.

