

MATERIAL:	THICKNESS:		SURFACE FINISH:
AUDITORIUM IGN	12 - 18 mm		TEXTURE
TESTS	RESULT	MEASUREMENT UNIT	STANDARD
1. INSPECTION REQUIREMENTS			
Colour, pattern and surface finish	Due to the fact that wood is a natural product, each veneer may be considered as unique. Slight colour and structure differences are considered as normal. Singularities such as knots and resin inclusions are not considered as defects, but as a part of the décor. There are differences in light fastness performances depending on the wood species and the source of the wood		EN 438-8 Part 5.2.2.3
2. DIMENSIONAL TOLERANCES			
Thickness (t)	+ 1,2 / - 0,8 (t = 12) + 1,3 / - 0,9 (t = 18)	mm	EN 438-2 Part 5
Length and width	+ 10 / - 0	mm	EN 438-2 Part 6
Edge straightness	1,5	mm/m	EN 438-2 Part 7
Edge squareness	1,5	mm/m	EN 438-2 Part 8
3. PHYSICAL PROPERTIES			
Resistance to surface wear	-	Revolutions	EN 438-2 Part 10
	≥ 350	Wear resistance	
Resistance to scratching	3	Rating	EN 438-2 Part 25
Lightfastness (Xenon arc)	≥ 2 (A)	Grey scale rating	EN 438-2 Part 27
Flexural strength	≥ 70 (Longrain) ≥ 50 (Crossgrain)	MPa	EN 310
Flexural modulus	≥ 7.000 (Longrain) ≥ 5.000 (Crossgrain)	MPa	EN 310
Perpendicular tensile strength	≥ 1	MPa	ASTM C 297
Density	≥ 0,80	g/cm³	-
4. CE SAFETY REQUIREMENTS			
Reaction to fire	C-s2,d0	Classification	EN 13.501-1
Resistance to fixings	≥ 100 (t < 15 mm)	N/mm	EN 438-7 Part 4.5
	≥ 1.300 (t ≥ 15 mm)	N	
Bonding strength	≥ 0,60	MPa	EN 438-7 Part 4.7
Flexural tensile strength	≥ 0,60	MPa	EN 438-7 Part 4.8
Content of pentachlorophenol	≤ 5	ppm	EN 438-7 Part. 4.10
Release of formaldehyde	E 1	Class	EN 717-2
Glue-line quality	3	Rating	EN 438-7 Part 4.13.3
Resistance to elevated temperature	No damage	Result	EN 438-7 Part 4.13.3
Water resistance	≤ 5	%	EN 438-7 Part 4.13.3
5. ADDITIONAL REQUIREMENTS UPON REQUEST			
Evaluation of antimicrobial activity	99,99	% reduction after 24h (S. aureus y E. coli)	ISO 22196 (JIS Z 2801)