

Tests	Standard	Property or attribute	Measurement unit	Result
1. Inspection requirements				
Due to the fact that wood is a natural product, each veneer may be considered as unique.				
Colour, pattern and surface finish	EN 438-8 Part 5.2.2.3	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.		
2. Dimensional tolerances				
Thickness (t)	EN 438-2 Part 5	10	mm	± 0,50
		14		± 0,60
Length and width	EN 438-2 Part 6	–	mm	+10 / - 0
Edge straightness	EN 438-2 Part 7	–	mm/m	1,5
Edge squareness	EN 438-2 Part 8	–	mm/m	1,5
3. Physical properties				
Dimensional stability at elevated temperatures	EN 438.-2 Part 17	Cumulative dimensional change	% max Longrain	0,3
			% max Crossgrain	0,6
Tensile strength	EN ISO 527-2	Longrain	MPa	≥ 60
		Crossgrain		
Brinell Hardness	EN 1534	Hardness	MPa	≥ 100
Resistance to staining	EN 438-2 Part 26	Acetone, MEK and Ethyl acetate	Rating	1
Resistance to staining	EN 438-2 Part 26	Group 1, 2, 3 and (A)	Rating	5
4. Weather resistance requirements				
Resistance to UV light	EN 438-2 Part 28 Rating according to EN 20105 – A02	Contrast	Grey scale rating	≥ 3
		Appearance	Rating	≥ 4
Resistance to artificial weathering (including light fastness)	EN 438-2 Part 29 Rating according to EN 20105 – A02	Contrast	Grey scale rating	≥ 3
		Appearance	Rating	≥ 4
Resistance to salt spray	UNE EN ISO 9227	Appearance	Rating	0 (No alteration)
Termite resistance	EN 350 (EN 118)	Termite resistance	Class	D (Durable)
Fungal resistance	EN 350 (EN 113)	Fungal resistance	Class	1 (Very Durable)
5. Another requirements				
Flexural strength	EN ISO 178	Longrain	MPa	≥ 80
		Crossgrain		
Flexural Modulus	EN ISO 178	Longrain	MPa	≥ 9.000
		Crossgrain		
Thermal resistance/Conductivity	EN 12664	Thermal conductivity (λ)	W/m K	0,261
Resistance to climatic shock	EN 438-2 Part19	Appearance	Rating	≥ 4
		Flexural strength	Ds Rating	≥ 0,95
		Elastic modulus	Dm Rating	≥ 0,95
Density	EN ISO 1.183	Density	g/cm ³	≥ 1,35
Resistance to wet conditions 48h 65°C	EN 438-2 Part 15	Moisture absorbed	%	≤ 2
		Appearance	Rating	≥ 4
Resistance to wet conditions 24h 20°C	EN 317	Moisture absorbed	%	≤ 1
		Thickness increased	%	≤ 2
Assesment of static electrical propensity	EN 1815	Potential difference	KV	< 2 (Antistatic)
Dynamic coefficient of friction on dry surfaces	EN 13.893	Slip resistance	μ	0,64 (DS)
Slip / skid resistance	BS 7678	Slip resistance	PTV	> 45
Ramp slip resistance	DIN 51130	Slip resistance	Class	R10
Ramp slip resistance	DIN 51097	Slip resistance	Class	C
6. CE Safety requirements - Reaction to fire				
Reaction to fire	EN 13.501-1	Euroclass	Classification	Bfl-s1