

Tests	Standard	Property or attribute	Measurement unit	Result
1. Inspection requirements				
Colour, pattern and surface finish	EN 438-8 Part 5.2.2.3	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		
2. Dimensional tolerances				
Thickness (t)	EN 438-2 Part 5	6,0 ≤ t < 8,0	mm	± 0,40
		8,0 ≤ t < 12,0		± 0,50
		12,0 ≤ t < 16,0		± 0,60
		16,0 ≤ t < 20,0		± 0,70
		20,0 ≤ t < 25,0		± 0,80
Flatness (1)	EN 438-2 Part 9	6,0 ≤ t < 10,0	mm/m	8,0
		10,0 ≤ t		5,0
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 (t≥6 mm)	% max Longrain	0,3
			% max Crossgrain	0,6
Resistance to impact with large diameter ball	EN 438-2 Part 21	Maximum height for which no visible surface cracking or imprint greater than 10mm (t≥ 6mm)	mm	≥ 1.800
Tensile strength	EN ISO 527-2	Longrain	MPa	≥ 60
		Crossgrain		
4. CE Safety requirements				
Water vapour permeability	EN 438-7 Part 4.4	Wet cup method	μ	110
		Dry cup method		250
Resistance to fixings	EN 438-7 Part 4.5	Screw holding value t ≥ 6 mm	N	> 2.000
		Screw holding value t ≥ 8 mm		> 3.000
		Screw holding value t ≥ 10 mm		> 4.000
Release of formaldehyde	EN 438-7 Part 4.11	Release of formadehyde	Rating	E1
Flexural strength	EN ISO 178	Longrain	MPa	≥ 80
		Crossgrain		≥ 80
Flexural Modulus	EN ISO 178	Longrain	MPa	≥ 9.000
		Crossgrain		≥ 9.000
Resistance to immersion in boiling water	EN 438-2 Part 12	Moisture absorbed	%	≤ 3
		Moisture absorbed	%	≤ 6
		Appearance	Degree	≥ 4
Density	EN ISO 1.183	Density	g/cm ³	≥ 1,35
5. CE Safety requirements - Reaction to fire				
Reaction to fire	EN 13.501-1	Euroclass t ≥ 6 mm	Classification	B-s2,d0
6. Additional requirements upon request				
Evaluation of antimicrobial activity	ISO 22196 (JIS Z 2801)		% reduction after 24h (S. aureus y E. coli)	99,99

(1) Provided that the laminates are stored in the manner and conditions recommended by the manufacturer.