

Tests	Standard	Property or attribute	Measurement unit	Result
<b>1. Inspection requirements</b>				
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		
<b>2. Dimensional tolerances</b>				
Thickness (t)	EN 438-2 Part 5	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	8,0 ≤ 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
<b>3. Physical properties</b>				
Resistance to surface wear	EN 438-2 Part 10	Wear resistance	Revolutions	≥ 350
Resistance to scratching	EN 438-2 Part 25	Force	Rating	3
Lightfastness (xenon arc)	EN 438-2 Part 27	Contrast	Grey scale rating	≥ 2 (2)
Dimensional stability at elevated temperatures	EN 438-2 Part 17	Cumulative dimensional change	% 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	mm	≥ 1.800
<b>4. CE Safety requirements</b>				
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 ≥ 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	Appearance	Delamination pass or fail	Pass
Density	EN ISO 1.183	Density	g/cm <sup>3</sup>	≥ 1,35
<b>5. CE Safety requirements - Reaction to fire</b>				
Reaction to fire	EN 13.501-1	Euroclass t ≥ 8 mm	Classification	B-s1,d0
<b>6. Additional requirements upon request</b>				
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.