

TESTS	STANDARD	PROPERTY OR ATTRIBUTE	MEASURE UNIT	RESULTS
1. INSPECTION REQUIREMENTS				
Colour, pattern and surface finish	EN 438-8 Apto. 5.2.2.3	Due to the fact that wood is a natural product, each veneer may be considered as unique. 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 Apto. 5	$8 \leq t \leq 10$	mm	$\pm 0,50$
Flatness (1)	EN 438-2 Apto. 9	$t = 8$ and 10	mm/m	5,0
Length and width	EN 438-2 Apto. 6	–	mm	+10 / - 0
Edge straightness	EN 438-2 Apto. 7	–	mm/m	1,5
Edge squareness	EN 438-2 Apto. 8	–	mm/m	1,5
3. PHYSICAL PROPERTIES				
Dimensional stability at elevated temperature	EN 438.-2 Apto.17	Longrain Crossgrain	% max	$\leq 0,3$ $\leq 0,6$
Resistance to impact by large diameter ball	EN 438-2 Apto.21	Maximal height for which no visible surface cracking or imprint greater than 10 mm	mm	≥ 1.800
Determination of graffiti resistance	ASTM D 6578:2000	Permanent blue marker Spray red paint Wax black crayon Water based ink black marker	Cleanability level	Level 3 Level 4 Level 2 Level 1
4. WEATHER RESISTANCE REQUIREMENTS				
Resistance to artificial wheatering (Irradiance total 325 MJ/m2)(2)	EN 438-2 Apto.29 Rating according to EN 20105 – A02	Contrast Aspect	Grey scale rating Rating	≥ 3 ≥ 4
5. CE SAFETY REQUIREMENTS				
Thermal resistance/Conductivity	EN 12524	Thermal conductivity (l)	W/m K	0,3
Water vapour permeability	EN 438-7 Apto 4.4	Wet cup method Dry cup method	μ	110 250
Resistance to fixings	EN 438-7 Apto 4.5	Screw holding value for t = 8 mm Screw holding value for t = 10 mm	N	3.000 4.000
Flexural strength	EN ISO 178	Longrain Crossgrain	MPa	≥ 80 ≥ 80
Flexural Modulus	EN ISO 178	Longrain Crossgrain	MPa	≥ 9.000 ≥ 9.000
Resistance to climatic shock	EN 438-2 Apto.19	Appearance Flexural strength Elastic modulus	Rating Index Ds Index Dm	≥ 4 $\geq 0,80$ $\geq 0,80$
Density	EN ISO 1.183	Density	g/cm3	$\geq 1,35$
Resistance to wet conditions	EN 438-2 Apto.15	Moisture absorbed Appearance	% rating	≤ 5 ≥ 4
6. CE SAFETY REQUIREMENTS - REACTION TO FIRE				
Reaction to fire	EN 13.501-1	Euroclass $t \geq 8$ mm	Classification	C-s1,d0

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

(2) NATURSOFFIT is classified as EGS / EGF with a total radiant exposure of 325 MJ/m2. In NATURCLAD the total radiant exposure is 650 MJ/m2 (EDS / EDF)