

TESTS	STANDARD	PROPERTY OR ATTRIBUTE	MEASURE UNIT	RESULTS
<b>1. INSPECTION REQUIREMENTS</b>				
<b>Colour, pattern and surface finish</b>	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.		
<b>2. DIMENSIONAL TOLERANCES</b>				
<b>Thickness (t)</b>	EN 438-2 Apto. 5	$8 \leq t \leq 10$	mm	± 0,50
<b>Flatness (1)</b>	EN 438-2 Apto. 9	t = 8 and 10	mm/m	5,0
<b>Length and width</b>	EN 438-2 Apto. 6	–	mm	+10 / - 0
<b>Edge straightness</b>	EN 438-2 Apto. 7	–	mm/m	1,5
<b>Edge squareness</b>	EN 438-2 Apto. 8	–	mm/m	1,5
<b>3. PHYSICAL PROPERTIES</b>				
<b>Dimensional stability at elevated temperature</b>	EN 438.-2 Apto.17	Longrain Crossgrain	% max	≤ 0,3 ≤ 0,6
<b>Resistance to impact by large diameter ball</b>	EN 438-2 Apto.21	Maximal height for which no visible surface cracking or imprint greater than 10 mm	mm	≥ 1.800
<b>Determination of graffiti resistance</b>	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
<b>4. WEATHER RESISTANCE REQUIREMENTS</b>				
<b>Resistance to artificial wheatering (Irradiance total 325 MJ/m2)(2)</b>	EN 438-2 Apto.29 Rating according to EN 20105 – A02	Contrast Aspect	Grey scale rating Rating	≥ 3 ≥ 4
<b>5. CE SAFETY REQUIREMENTS</b>				
<b>Thermal resistance/Conductivity</b>	EN 12524	Thermal conductivity (l)	W/m K	0,3
<b>Water vapour permeability</b>	EN 438-7 Apto 4.4	Wet cup method Dry cup method	μ	110 250
<b>Resistance to fixings</b>	EN 438-7 Apto 4.5	Screw holding value for t = 8 mm Screw holding value for t = 10 mm	N	3000 4000
<b>Flexural strength</b>	EN ISO 178	Longrain Crossgrain	MPa	≥ 80 ≥ 80
<b>Flexural Modulus</b>	EN ISO 178	Longrain Crossgrain	MPa	≥ 9.000 ≥ 9.000
<b>Resistance to climatic shock</b>	EN 438-2 Apto.19	Appearance Flexural strength Elastic modulus	Rating Index Ds Index Dm	≥ 4 ≥ 0,80 ≥ 0,80
<b>Density</b>	EN ISO 1.183	Density	g/cm3	≥ 1,35
<b>Resistance to wet conditions</b>	EN 438-2 Apto.15	Moisture absorbed Appearance	% rating	≤ 5 ≥ 4
<b>6. CE SAFETY REQUIREMENTS - REACTION TO FIRE</b>				
<b>Reaction to fire</b>	EN 13.501-1	Euroclass t ≥ 8 mm	Classification	B-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 irradiance of 325 MJ/m2. In NATURCLAD the total irradiance is 650 MJ/m2 (EDS / EDF)