PARKLEX

TECHNICAL DATA SHEET

Thickness 6 - 22 mm

NATURCLAD-W S
NATURSIDING-W S (1) (Standard)

Rev: 12 (03.2024)

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 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 < 22,0		± 0,80
Flatness (2)	EN 438-2 Part 9	6,0 ≤ t < 10,0	mm/m	5,0
		10,0 ≤ t		3,0
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 temperature	EN 438.-2 Part 17	Cumulative dimensional change (t≥ 6 mm)	% max Longrain	≤ 0,3
			% max Crossgrain	≤ 0,6
Resistance to impact by large diameter ball	EN 438-2 Part 21	Maximum height for which no visible surface cracking or imprint greater than 10mm	mm	≥ 1.800
Determination of graffiti resistance	ASTM D 6578	Cleanability level	Permanent blue marker	8
			Solvent based acrylic spray	4
			Solvent based alkyd spray	4
			Wax crayon	10
			Ballpoint ink	8
			Water based ink black marker	10
4. WEATHER RESISTANCE REQUIREMENTS				
Resistance to UV light	EN 438-2 Part 28 Rating according to EN 20105 – A02	Contrast	Grey scale rating	≥ 3
		Aspect	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
5. 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	2000
		Screw holding value t ≥ 8 mm		3000
		Screw holding value t ≥ 10 mm		4000
Flexural strength	EN ISO 178	Longrain	MPa	≥ 80
		Crossgrain		≥ 80
Flexural Modulus	EN ISO 178	Longrain	MPa	≥ 9.000
		Crossgrain		≥ 9.000
Thermal resistance/Conductivity	EN 12524	Thermal conductivity (λ)	W/m K	≤ 0,3
Resistance to climatic shock	EN 438-2 Part19	Appearance	Rating	≥ 4
		Flexural strength	Ds Rating	≥ 0,80
		Elastic modulus	Dm Rating	≥ 0,80
Density	EN ISO 1.183	Density	g/cm3	≥ 1,35
Resistance to wet conditions	EN 438-2 Part 15	Moisture absorbed	%	≤ 5
		Appearance	Rating	≥ 4
6. CE SAFETY REQUIREMENTS - REACTION TO FIRE				
Reaction to fire	EN 13.501-1	Euroclase t ≥ 6 mm	Classification	C-s1,d0

(1) NATURSIDING-W S only available in 8 mm.

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