PARKLEX PRODEMA

TECHNICAL DATA SHEET Thickness 6 - 22 mm NATURCLAD-W S NATURSIDING-W S (1) (Standard) Rev: 12 (03.2024)

	STANDARD	PROPERTY OR ATTRIBUTE	MEASURE UNIT	RESULTS
. INSPECTION REQUIREMENTS				
		Due to the fact that wood is a nat	ural product, each veneer may be c	onsidered as unique.
olour, pattern and surface finish	EN 438-8 Apto.		are considered as normal. Singulari	
Colour, pattern and surface milish	5.2.2.3		d as defects, but as a part of the de	
		in light fastness performances de	pending on the wood species and t	he source of the wood.
. DIMENSIONAL TOLERANCES				
		6,0 ≤ t < 8,0		± 0,40
Thickness (t)				
		8,0 ≤ t < 12,0		± 0,50
	EN 438-2 Part 5	12,0 ≤ t < 16,0	mm	± 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
ength and width	EN 438-2 Part 6	-	mm	+10 / - 0
Edge straightness	EN 438-2 Part 7	_	mm/m	1,5
dge squareness	EN 438-2 Part 8	-	mm/m	1,5
. PHYSICAL PROPERTIES				
Dimensional stability at elevated temperature	EN 4382 Part 17	Cumulative dimensional	% max Longrain	≤ 0,3
		change (t≥ 6 mm)	% max Crossgrain	≤ 0,6
		Maximum height for which no		
Resistance to impact by large diameter ball Determination of graffiti resistance	EN 438-2 Part 21	visible surface cracking or	mm	≥ 1.800
		imprint greater than 10mm		
			Permanent blue marker	8
	ASTM D 6578	Cleanability level	Solvent based acrylic spray	4
			Solvent based alkyd spray	4
			Wax crayon	10
			Ballpoint ink	8
			Water based ink black marker	10
				10
. WEATHER RESISTANCE REQUIRE	EMENTS			10
	EN 438-2 Part 28	Contrast	Grey scale rating	≥3
	EN 438-2 Part 28 Rating according to		Grey scale rating	≥3
I. WEATHER RESISTANCE REQUIRE	EN 438-2 Part 28 Rating according to EN 20105 – A02	Aspect	Grey scale rating Rating	≥ 3 ≥ 4
Resistance to UV light Resistance to artificial weathering	EN 438-2 Part 28 Rating according to		Grey scale rating	≥3
esistance to UV light	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29	Aspect	Grey scale rating Rating	≥3 ≥4
Resistance to UV light Resistance to artificial weathering including light fastness)	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to	Aspect Contrast	Grey scale rating Rating Grey scale rating	≥ 3 ≥ 4 ≥ 3
tesistance to UV light tesistance to artificial weathering including light fastness) . CE SAFETY REQUIREMENTS	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02	Aspect Contrast	Grey scale rating Rating Grey scale rating Rating	≥3 ≥4 ≥3
tesistance to UV light tesistance to artificial weathering including light fastness) . CE SAFETY REQUIREMENTS	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to	Aspect Contrast Appearance	Grey scale rating Rating Grey scale rating	≥ 3 ≥ 4 ≥ 3 ≥ 4
tesistance to UV light tesistance to artificial weathering including light fastness) . CE SAFETY REQUIREMENTS	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02	Aspect Contrast Appearance Wet cup method	Grey scale rating Rating Grey scale rating Rating	≥ 3 ≥ 4 ≥ 3 ≥ 4 110
Resistance to UV light Resistance to artificial weathering including light fastness) 6. CE SAFETY REQUIREMENTS Vater vapour permeability	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4	Aspect Contrast Appearance Wet cup method Dry cup method Screw holding value t ≥ 6 mm	Grey scale rating Rating Grey scale rating Rating µ	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000
tesistance to UV light tesistance to artificial weathering including light fastness) . CE SAFETY REQUIREMENTS Vater vapour permeability	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02	Aspect Contrast Appearance Wet cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm	Grey scale rating Rating Grey scale rating Rating	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000
Resistance to UV light Resistance to artificial weathering including light fastness) 6. CE SAFETY REQUIREMENTS Vater vapour permeability	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4	Aspect Contrast Appearance Wet cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm	Grey scale rating Rating Grey scale rating Rating µ	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000
Resistance to UV light Resistance to artificial weathering including light fastness) 5. CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm	Grey scale rating Rating Grey scale rating Rating µ	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80
	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.5	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm	Grey scale rating Rating Grey scale rating Rating µ N	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.5	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Longrain	Grey scale rating Rating Grey scale rating Rating µ N	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 9.000
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.5 EN ISO 178 EN ISO 178	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Longrain Crossgrain	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa	≥ 3 $≥ 4$ $≥ 3$ $≥ 4$ 110 250 2000 3000 4000 $≥ 80$ $≥ 80$ $≥ 9.000$ $≥ 9.000$
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings	EN 438-2 Part 28 Rating according to EN 20105 - A02 EN 438-2 Part 29 Rating according to EN 20105 - A02 EN 438-7 Part 4.4 EN 438-7 Part 4.5 EN ISO 178	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa W/m K	≥ 3 $≥ 4$ $≥ 3$ $≥ 4$ 110 250 2000 3000 4000 $≥ 80$ $≥ 80$ $≥ 9.000$ $≥ 9.000$ $≤ 0.3$
Resistance to UV light Resistance to artificial weathering including light fastness) 5. CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings Flexural strength Flexural Modulus Thermal resistance/Conductivity	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN 1SO 178 EN ISO 178 EN 12524	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t≥ 6 mm Screw holding value t≥ 8 mm Screw holding value t≥ 10 mm Crossgrain Crossgrain Crossgrain Thermal conductivity (λ) Appearance	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa MPa W/m K Rating	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80 ≥ 9.000 ≥ 9.000 ≤ 0.3 ≥ 4
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings Flexural strength Flexural Modulus	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.5 EN ISO 178 EN ISO 178	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Thermal conductivity (λ) Appearance Flexural strength	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa MPa W/m K Rating Ds Rating	$\geq 3 \\ \geq 4 \\ \geq 3 \\ \geq 4 \\ \geq 3 \\ \geq 4 \\ = 110 \\ 250 \\ 2000 \\ 3000 \\ 4000 \\ \geq 80 \\ \geq 80 \\ \geq 80 \\ \geq 80 \\ \geq 9.000 \\ \geq 9.000 \\ \geq 9.000 \\ \leq 0.3 \\ \geq 4 \\ \geq 0.80 \\ = 2000 \\ \leq 0.80 \\ = 2000 \\ \leq 0.80 \\ = 2000 \\ \geq 0.80 \\ = 2000 \\ = $
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings lexural strength lexural Modulus thermal resistance/Conductivity Resistance to climatic shock	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN ISO 178 EN ISO 178 EN 12524 EN 438-2 Part19	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Thermal conductivity (λ) Appearance Flexural strength Elastic modulus	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa MPa MPa W/m K Rating Ds Rating Dm Rating	$\geq 3 \\ \geq 4 \\ \geq 3 \\ \geq 4 \\ 2 \\ 3 \\ \geq 4 \\ 110 \\ 250 \\ 2000 \\ 3000 \\ 4000 \\ \geq 80 \\ 2 \\ 80 \\ \geq 80 \\ \geq 80 \\ \geq 9.000 \\ \geq 9.000 \\ \geq 9.000 \\ \geq 9.000 \\ \geq 0.80 \\ > 0.80 \\ \geq 0.80 \\ > 0.$
Resistance to UV light Resistance to artificial weathering including light fastness) 5. CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN 1SO 178 EN ISO 178 EN 12524	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Thermal conductivity (λ) Appearance Flexural strength Elastic modulus	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa MPa MPa MPa MPa MPa MPa MPa MPa	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80 ≥ 9.000 ≥ 9.000 ≥ 9.000 ≥ 9.000 ≥ 9.000 ≥ 0.3 ≥ 4 ≥ 0.80 ≥ 0.80 ≥ 1.35
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings Flexural strength Flexural Modulus Thermal resistance/Conductivity Resistance to climatic shock	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN ISO 178 EN ISO 178 EN 12524 EN 438-2 Part19	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Crossgrain Crossgrain Elastic modulus Elastic modulus Density Moisture absorbed	Grey scale rating Rating Grey scale rating Rating µ N MPa MPa MPa MPa MPa MPa MPa	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80 ≥ 80 ≥ 9.000 ≥ 9.000 ≥ 0.03 ≥ 4 ≥ 0.80 ≥ 0.80 ≥ 1.35 ≤ 5
Resistance to UV light Resistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings Flexural strength Flexural Modulus Thermal resistance/Conductivity Resistance to climatic shock	EN 438-2 Part 28 Rating according to EN 20105 - A02 EN 438-2 Part 29 Rating according to EN 20105 - A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN ISO 178 EN ISO 178 EN 12524 EN 438-2 Part19 EN ISO 1.183	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Thermal conductivity (λ) Appearance Flexural strength Elastic modulus	Grey scale rating Rating Grey scale rating Rating µ N N MPa MPa MPa MPa MPa MPa MPa MPa MPa MPa	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80 ≥ 9,000 ≥ 9,000 ≥ 9,000 ≥ 9,000 ≥ 0,3 ≥ 4 ≥ 0,80 ≥ 0,80 ≥ 1,35
tesistance to UV light tesistance to artificial weathering including light fastness) CE SAFETY REQUIREMENTS Vater vapour permeability tesistance to fixings lexural strength lexural Modulus hermal resistance/Conductivity tesistance to climatic shock tensity tesistance to wet conditions	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN ISO 178 EN ISO 178 EN ISO 178 EN 12524 EN 438-2 Part19 EN ISO 1.183 EN ISO 1.183	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Crossgrain Crossgrain Elastic modulus Elastic modulus Density Moisture absorbed	Grey scale rating Rating Grey scale rating Rating µ N MPa MPa MPa MPa MPa MPa MPa	≥ 3 ≥ 4 ≥ 3 ≥ 4 110 250 2000 3000 4000 ≥ 80 ≥ 80 ≥ 80 ≥ 80 ≥ 9.000 ≥ 9.000 ≥ 0.03 ≥ 4 ≥ 0.80 ≥ 0.80 ≥ 1.35 ≤ 5
tesistance to UV light Resistance to artificial weathering including light fastness) . CE SAFETY REQUIREMENTS Vater vapour permeability Resistance to fixings lexural strength lexural strength lexural Modulus hermal resistance/Conductivity resistance to climatic shock	EN 438-2 Part 28 Rating according to EN 20105 – A02 EN 438-2 Part 29 Rating according to EN 20105 – A02 EN 438-7 Part 4.4 EN 438-7 Part 4.4 EN ISO 178 EN ISO 178 EN ISO 178 EN 12524 EN 438-2 Part19 EN ISO 1.183 EN ISO 1.183	Aspect Contrast Appearance Wet cup method Dry cup method Dry cup method Screw holding value t ≥ 6 mm Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm Crossgrain Crossgrain Crossgrain Crossgrain Crossgrain Elastic modulus Elastic modulus Density Moisture absorbed	Grey scale rating Rating Grey scale rating Rating µ N MPa MPa MPa MPa MPa MPa MPa	≥ 3 $≥ 4$ $≥ 3$ $≥ 4$ 110 250 2000 3000 4000 $≥ 80$ $≥ 80$ $≥ 80$ $≥ 9.000$ $≥ 9.000$ $≥ 9.000$ $≥ 0.03$ $≥ 4$ $≥ 0.80$ $≥ 0.80$ $≥ 1.35$ $≤ 5$

(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.