

Logo PRODEMA	TECHNICAL DATA SHEET		Doc.:FTPRODEX/FTPRODEXIGN	
			Rev.:012-Mar 2017/ 011-Mar 2017	
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MATERIAL	THICKNESS		FINISH	
PRODEX	6-22 mm		SMOOTH	
TESTS	RESULTS	PROPERTY OR ATTRIBUTE	MEASURE UNIT	STANDARD
	FTPRODEX Rev: 12			
1. INSPECTION REQUIREMENTS				
Colour, pattern and surface finish	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.			EN 438-8 Apto. 5.2.2.3
2. DIMENSIONAL TOLERANCES				
Thickness (t)	± 0,40	6,0 ≤ t < 8,0	mm	EN 438-2 Apto. 5
	± 0,50	8,0 ≤ t < 12,0		
	± 0,60	12,0 ≤ t < 16,0		
	± 0,70	16,0 ≤ t < 20,0		
	± 0,80	20,0 ≤ t < 25,0		
Flatness (1)	5,0	6,0 ≤ t < 10,0	mm/m	EN 438-2 Apto. 9
	3,0	10,0 ≤ t		
Length and width	+10 / - 0	-	mm	EN 438-2 Apto. 6
Edge straightness	1,5	-	mm/m	EN 438-2 Apto. 7
Edge squareness	1,5	-	mm/m	EN 438-2 Apto. 8
3. PHYSICAL PROPERTIES				
Dimensional stability at elevated temperature	0,3	Longrain	% max	EN 438.-2 Apto.17
	0,6	Crossgrain		
Resistance to impact by large diameter ball	≥ 1.800	Maximal height for which no visible surface cracking or imprint greater than 10 mm	mm	EN 438-2 Apto.21
Determination of graffiti resistance	Level 3	Permanent blue marker	Cleanability level	ASTM D 6578:2000
	Level 4	Spray red paint		
	Level 2	Wax black crayon		
	Level 1	Water based ink black marker		
4. WEATHER RESISTANCE REQUIREMENTS				
Resistance to UV light	≥ 3	Contrast	Grey scale rating	EN 438-2 Apto.28 Rating according to EN 20105 – A02
	≥ 4	Aspect	Rating	
Resistencia a la intemperie artificial	≥ 3	Contrast	Grey scale rating	EN 438-2 Apto.29 Rating according to EN 20105 – A02
	≥ 4	Aspect	Rating	
5. CE SAFETY REQUIREMENTS				
Reaction to fire	C-s1,d0	Euroclass	Classification	EN 13.501-1
Thermal resistance/Conductivity	0,266	Thermal conductivity (l)	W/m K	EN 12664
Water vapour permeability	110	Wet cup method	μ	EN 438-7 Apto 4.4
	250	Dry cup method		
Resistance to fixings	> 2.000	Screw holding value for t ≥ 6 mm	N	EN 438-7 Apto 4.5
	> 3.000	Screw holding value for t ≥ 8 mm		
	> 4.000	Screw holding value for t ≥ 10 mm		
Flexural strength	≥ 80	Longrain	MPa	EN ISO 178
	≥ 80	Crossgrain		
Flexural Modulus	≥ 9.000	Longrain	MPa	EN ISO 178
	≥ 9.000	Crossgrain		
Resistance to climatic shock	≥ 4	Appearance	Rating	EN 438-2 Apto.19
	≥ 0,80	Flexural strength	Index Ds	
	≥ 0,80	Elastic modulus	Index Dm	
Density	≥ 1,35	Density	g/cm ³	EN ISO 1.183
Resistance to wet conditions	≤ 5	Moisture absorbed	%	EN 438-2 Apto.15
	≥ 4	Appearance	rating	

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