Prodema
NATURAL WOOD BEAUTY

TECHNICAL DATA SHEET

Doc. : FTPRODEXCU
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MATERIAL:	THICKNESS:	SURFACE FINISH:
NEPTUNO CORNER	6 mm	TEXTURE*

TESTS	RESULTS	PROPERTY OR ATTRIBUTE	MESURE UNIT	STANDARD
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. Slight 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 decor. There are differences in light fastness performances depending on the wood species and the source of the wood.			EN 438-8 Sect. 5.2.2.3
2. DIMENSIONAL TOLERANCES				
Available on both, concave and convex curvatures		Available on both, concave and convex curvatures		
Thickness	**±0,4**	6	mm	-
Curvature radius	**±10%**	90	grad	-
Angle α	**±10%**	50	mm	-
Length and width	**+10/-0**	2440x595	mm	-
	+10/-0	250x1220	mm	-
3. PHYSICAL PROPERTIES				
Resistance to surface wear	**≥ 350**	Wear resistance	Revolutions	EN 438-2 Sect. 10
Resistance to scratching	**3**	Force	Rating	EN 438-2 Sect. 25
Resistance to impact with large diameter ball	**≥ 1.800**	Maximum height for which no visible surface cracking or imprint greater than 10mm	mm	EN 438-2 Sect. 21
Light fastness (Xenon arc)	**≥ 2 (1)**	Contrast	Grey scale rating	EN 438-2 Sect. 27
4. SAFETY REQUIREMENTS				
Reaction to fire	**D-s2,d0 (2)**	Euroclass	Classification	EN 13.501-1
Water vapour permeability	**110** **250**	Wet cup method Dry cup method	μ	EN 438-7 Sect. 4.4
Resistance to fixings	**> 2000**	Force	N	EN 438-7 Sect. 4.5
Density	**≥ 1,35**	Density	g/cm³	EN ISO 1.183
Resistance to inmersion in boiling water	**Pass**	Appearance	Delamination Pass / Fail	EN 438-2 Sect. 12
Release of formaldehyde	**E1**	Release of formadehyde	Class	EN 438-7 Sect. 4.11
5. ADDITIONAL REQUIREMENTS UPON REQUEST				
Evaluation of antimicrobial activity	**99,99**		% reduction after 24h (S. aureus y E. coli)	ISO 22196 (JIS Z 2801)

* Except for the colours Light Brown, Rustik, Pale, Mocca, Cream, Deep Brown, Dark Brown, Ice Grey, which have the surface finish Smooth

(1) Maple <2

(2) CWFT: Classified Without Further Testing according to EN 438 Part 7, 4.2.3.

Screw or rivet fixing is recommended. For any other fixing system please contact PRODEMA´s Technical Department.