Parklex®

TECHNICAL DATASHEET

DRY INTERNAL F

Thickness 14 - 26 mm

Ref: FTPDryInternalF
Rev: 07 (04.2014)

Tests	Standard	Measurement unit	Result
1. Inspection requirements			
Colour, pattern and surface finish	EN 438-8 Part 5.2.2.3	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 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	mm	+1,3 / -0,9 (t = 14) +1,4 / -1,0 (t = 17) +1,6 / -1,2 (t = 20) +1,6 / -1,2 (t = 26)
Tolerance for thickness variations inside a panel	EN 315:1993	mm	≤ 0,6
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			
Resistance to surface wear	EN 438-2 Part 10	Revolutions Wear resistance	- ≥ 350
Resistance to inmersion in boiling water	EN 438-2 Part 12	Delamination Pass / Fail	Pass
Resistance to scratching	EN 438-2 Part 25	Rating	3
Lightfastness (xenon arc)	EN 438-2 Part 27	Grey scale rating	≥ 2 < 2 (A)
Flexural strength	EN 310	MPa	≥ 70 (Longrain) ≥ 60 (Crossgrain)
Flexural modulus	EN 310	MPa	≥ 7000 (Longrain) ≥ 6000 (Crossgrain)
Perpendicular tensile strength	ASTM C 297	MPa	≥ 2
Density	-	g/cm3	≥ 0,75
4. CE Safety requirements			
Reaction to fire	EN 13.501-1	Classification	B-s2,d0
Resistance to fixings	EN 438-7 Part 4.5	N/mm N	≥ 130 (t < 15 mm) ≥ 1500 (t ≥ 15 mm)
Bonding strength	EN 438-7 Part 4.7	MPa	≥ 1
Flexural tensile strength	EN 438-7 Part 4.8	MPa	≥ 1
Content of pentachlorophenol	EN 438-7 Part 4.10	ppm	≤ 5
Release of formaldehyde	EN 717-2	Class	E1
Glue-line quality	EN 438-7 Part 4.13.3	Rating	5
Resistance to elevated temperature	EN 438-7 Part 4.13.3	Result	No damage
Water resistance	EN 438-7 Part 4.13.3	%	≤ 5
5. Additional requirements upon request			
Evaluation of antimicrobial activity	ISO 22196 (JIS Z 2801)	% reduction after 24h (S. aureus y E. coli)	99,99

(A) Reconstituted Oak