

TECHNICAL DATA SHEET

AUTHENTIC WOOD 1231

MATERIAL GROUP: 42282

Dimensions	mm	1292 x 194 x 12	According to EN 13329
Construction	Process	DPL	
	Base board	HDF (810 – 850 kg / m ³)	According to EN 316
	Locking system	5G	Produced under license of Välinge Innovation AB
Guarantee	Edges treatment	Moisture Plus	
	Years	20	

REQUIREMENTS FOR CLASSIFICATION

Abrasion resistance	EN 13329 – Annex E	AC3	AC3
Impact resistance	EN 13329	IC1	IC1
Stain resistance	EN 438-2 (Group 1,2 & 3)	Groups 1&2: grade 5 - group 3: ≥ grade 4	Groups 1&2: grade 5 - group 3: ≥ grade 4
Resistance to cigarette burns	EN 438-2	≥ grade 4	≥ grade 4
Effect of furniture legs	EN 424	No damage	No damage
Castor chair test (soft rolls)	EN 425	No change in appearance or damage	No change in appearance or damage
Thickness swelling	EN 13329 – Annex G	≤ 18 %	≤ 18 %

GENERAL REQUIREMENTS

Thickness	EN 13329	Nominal thickness +/- 0,5 mm	12 mm; +/- 0,4 mm
Length	EN 13329	Nominal length +/- 0,5 mm	1292 mm; +/- 0,2 mm
Width	EN 13329	Nominal width +/- 0,5 mm	194 mm; +/- 0,1 mm
Squareness (q)	EN 13329	q max ≤ 0,2 mm	≤ 0,1 mm
Straightness of the surface layer (s)	EN 13329	s max ≤ 0,3 mm/m	≤ 0,3 mm/m
Flatness width	EN 13329	Concave ≤ 0,15% – Convex ≤ 0,20%	Concave ≤ 0,15% – Convex ≤ 0,20%
Flatness length	EN 13329	Concave ≤ 0,50% – Convex ≤ 1,00%	Concave ≤ 0,50% – Convex ≤ 1,00%
Opening between elements (o)	EN 13329	o average ≤ 0,15 mm – o max ≤ 0,20 mm	o average ≤ 0,15 mm – o max ≤ 0,20 mm
Height difference between elements (h)	EN 13329	h average ≤ 0,10 mm – h max ≤ 0,15 mm	h average ≤ 0,10 mm – h max ≤ 0,15 mm
Dimensional variations	EN 13329	≤ 0,9 mm	≤ 0,9 mm
Light fastness	EN 13329	Blue wool scale – EN ISO 105 ≥ level 6 Grey scale – EN 20105 ≥ level 4	≥ level 6 ≥ level 5
Static indentation	EN 433	No visible change, indentation ≤ 0,01 mm	No visible change, indentation ≤ 0,01 mm
Surface soundness	EN 13329	≥ 1,00 N/mm ²	≥ 1,60 N/mm ²

USE AND SAFETY

Flame resistance	EN 13501-1	at least Cfl-s1	Cfl-s1
Formaldehyde emission	EN 717-1	E1	E1
Slip resistance: friction coefficient	EN 14041 / EN 13983	≥ 0,30 – class DS	≥ 0,30 – class DS
Thermal resistance	DIN EN 12667	≤ 0,150 m ² K/W	≤ 0,150 m ² K/W

LOGISTIC INFORMATION

Planks/box – Planken/Packung	5	Boxes/palette – Packungen/Palette	56
m²/box – m ² /Packung	1,253	kg/m²	10,3
m²/palette – m ² /Palette	70,168		



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