

Technical data

LivingBoard P4

Tolerance on thickness	± 0.3 mm
Tolerance on length (EN 324-1)	± 5 mm
Tolerance on width (EN 324-1)	± 5 mm
Straightness of edges (EN 324-2)	1.5 mm/m
Squareness (EN 324-2)	2 mm/m
Moisture content (EN 322)	9 % ± 4 %
Formaldehyde emission class	E1 E05

The bonding is free of formaldehyde.

Property	Test method	Unit	Requirement					
			Thickness / Range of thickness (mm, nominal dimension)					
			> 10 to ≤ 13	> 13 to ≤ 20	> 20 to ≤ 25	> 25 to ≤ 32	> 32 to ≤ 40	> 40
Mean density	EN 323	kg/m ³	750 – 660	680 – 650	650 – 630	640 – 620	620 – 600	≤ 600
Bending strength	EN 310	N/mm ²	16	15	13	11	9	7
Bending modulus of elasticity	EN 310	N/mm ²	2,300	2,300	2,050	1,850	1,500	1,200
Internal bond	EN 319	N/mm ²	0.4	0.35	0.3	0.25	0.2	0.2
Swelling in thickness, 24 h	EN 317	%	16	15	15	15	14	—

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