

Technical data

LivingBoard P7

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	740 – 720	720 – 700	700 – 680	680 – 660	660 – 640	≤ 640
Bending strength	EN 310	N/mm ²	22	20	18.5	17	16	15
Bending modulus of elasticity	EN 310	N/mm ²	3,350	3,100	2,900	2,800	2,600	2,400
Internal bond	EN 319	N/mm ²	0.75	0.7	0.65	0.6	0.55	0.5
Swelling in thickness, 24 h	EN 317	%	10	10	10	10	9	9
Internal bond after boil test	EN 1087-1	N/mm ²	0.25	0.23	0.2	0.18	0.17	0.15

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