

Technical data

PremiumBoard Pyroex

Tolerance on thickness (EN 324-1)	± 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 %
Class, formaldehyde release	E1 E05
Formaldehyde release (EN 717-1)	≤ 0.05 ppm

Property	Test method	Unit	Requirement				
			Thickness/Range of thickness (mm, nominal dimension)				
			> 8.9 to ≤ 13	> 13 to ≤ 20	> 20 to ≤ 25	> 25 to ≤ 32	> 32 to ≤ 40
Mean density	EN 323	kg/m ³	720 – 640	640 – 620	620 – 600	600 – 580	580 – 540
Bending strength	EN 310	N/mm ²	11	11	10.5	10.5	8.5
Bending modulus of elasticity	EN 310	N/mm ²	1,800	1,600	1,500	1,500	1,200
Internal bond	EN 319	N/mm ²	0.4	0.35	0.3	0.3	0.2
Surface soundness	EN 311	N/mm ²	0.8	0.8	0.8	0.8	0.8

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