

## Technical data

### PremiumBoard P4

<b>Tolerance on thickness</b>	± 0.3 mm
<b>Tolerance on length (EN 324-1)</b>	± 5 mm
<b>Tolerance on width (EN 324-1)</b>	± 5 mm
<b>Straightness of edges (EN 324-2)</b>	1.5 mm/m
<b>Squareness (EN 324-2)</b>	2 mm/m
<b>Moisture content (EN 322)</b>	9 % ± 4 %
<b>Formaldehyde emission class</b>	E1 E05
<b>Availability</b>	Other formats and thicknesses on request; please also note our respective minimum order quantities.

Property	Test method	Unit	Requirement							
			Thickness / Range of thickness (mm, nominal dimension)							
			≤ 8.9	> 8.9 to ≤ 10	> 10 to ≤ 13	> 13 to ≤ 20	> 20 to ≤ 25	> 25 to ≤ 32	> 32 to ≤ 40	> 40
<b>Mean density</b>	EN 323	kg/m <sup>3</sup>	760 – 680	760 – 680	750 – 660	680 – 650	650 – 630	640 – 620	620 – 600	≤ 600
<b>Bending strength</b>	EN 310	N/mm <sup>2</sup>	16	16	16	15	13	11	9	7
<b>Bending modulus of elasticity</b>	EN 310	N/mm <sup>2</sup>	2,300	2,300	2,300	2,300	2,050	1,850	1,500	1,200
<b>Internal bond</b>	EN 319	N/mm <sup>2</sup>	0.4	0.4	0.4	0.35	0.3	0.25	0.2	0.2
<b>Swelling in thickness, 24 h</b>	EN 317	%	19	19	16	15	15	15	14	14

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