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**Technical data      PremiumBoard Pyroex B1**

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<b>Thickness (nominal)</b>	> 8 mm to 13 mm
<b>Tolerance on thickness (EN 324-1)</b>	± 0.3 mm
<b>Tolerance on length and width (EN 324-1)</b>	± 5 mm
<b>Edge straightness tolerance (EN 324-2)</b>	1.5 mm per m
<b>Squareness tolerance (EN 324-2)</b>	2 mm per m
<b>Moisture content past production (EN 322)</b>	9 % ± 3 %
<b>Class, formaldehyde release (EN 120)</b>	E1
<b>Bending strength (EN 310)</b>	≥ 11 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	≥ 1800 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	≥ 0.40 N/mm <sup>2</sup>
<b>Surface soundness (EN 311)</b>	≥ 0.8 N/mm <sup>2</sup>
<b>Mean density (EN 323)</b>	720 kg/m <sup>3</sup> to 770 kg/m <sup>3</sup>

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All values correspond as approximate values to our production values and guidelines. The mentioned values are for information only and don't represent assured characteristic values. Tolerance on the mean density within and between the boards according to table 1, European Standard 312. Subject to change without notice.

All prior issues of this technical data sheet for the mentioned type of board above are invalid with this release.

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**Technical data      PremiumBoard Pyroex B1**

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<b>Thickness (nominal)</b>	> 13 mm to 20 mm
<b>Tolerance on thickness (EN 324-1)</b>	± 0.3 mm
<b>Tolerance on length and width (EN 324-1)</b>	± 5 mm
<b>Edge straightness tolerance (EN 324-2)</b>	1.5 mm per m
<b>Squareness tolerance (EN 324-2)</b>	2 mm per m
<b>Moisture content past production (EN 322)</b>	9 % ± 3 %
<b>Class, formaldehyde release (EN 120)</b>	E1
<b>Bending strength (EN 310)</b>	≥ 11 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	≥ 1600 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	≥ 0.35 N/mm <sup>2</sup>
<b>Surface soundness (EN 311)</b>	≥ 0.8 N/mm <sup>2</sup>
<b>Mean density (EN 323)</b>	690 kg/m <sup>3</sup> to 750 kg/m <sup>3</sup>

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**Technical data      PremiumBoard Pyroex B1**

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<b>Thickness (nominal)</b>	> 20 mm to 25 mm
<b>Tolerance on thickness (EN 324-1)</b>	± 0.3 mm
<b>Tolerance on length and width (EN 324-1)</b>	± 5 mm
<b>Edge straightness tolerance (EN 324-2)</b>	1.5 mm per m
<b>Squareness tolerance (EN 324-2)</b>	2 mm per m
<b>Moisture content past production (EN 322)</b>	9 % ± 3 %
<b>Class, formaldehyde release (EN 120)</b>	E1
<b>Bending strength (EN 310)</b>	≥ 10.5 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	≥ 1500 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	≥ 0.30 N/mm <sup>2</sup>
<b>Surface soundness (EN 311)</b>	≥ 0.8 N/mm <sup>2</sup>
<b>Mean density (EN 323)</b>	660 kg/m <sup>3</sup> to 700 kg/m <sup>3</sup>

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**Technical data      PremiumBoard Pyroex B1**

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<b>Thickness (nominal)</b>	> 25 mm to 32 mm
<b>Tolerance on thickness (EN 324-1)</b>	± 0.3 mm
<b>Tolerance on length and width (EN 324-1)</b>	± 5 mm
<b>Edge straightness tolerance (EN 324-2)</b>	1.5 mm per m
<b>Squareness tolerance (EN 324-2)</b>	2 mm per m
<b>Moisture content past production (EN 322)</b>	9 % ± 3 %
<b>Class, formaldehyde release (EN 120)</b>	E1
<b>Bending strength (EN 310)</b>	≥ 9.5 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	≥ 1350 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	≥ 0.25 N/mm <sup>2</sup>
<b>Surface soundness (EN 311)</b>	≥ 0.8 N/mm <sup>2</sup>
<b>Mean density (EN 323)</b>	640 kg/m <sup>3</sup> to 690 kg/m <sup>3</sup>

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**Technical data      PremiumBoard Pyroex B1**

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<b>Thickness (nominal)</b>	> 32 mm to 40 mm
<b>Tolerance on thickness (EN 324-1)</b>	± 0.3 mm
<b>Tolerance on length and width (EN 324-1)</b>	± 5 mm
<b>Edge straightness tolerance (EN 324-2)</b>	1.5 mm per m
<b>Squareness tolerance (EN 324-2)</b>	2 mm per m
<b>Moisture content past production (EN 322)</b>	9 % ± 3 %
<b>Class, formaldehyde release (EN 120)</b>	E1
<b>Bending strength (EN 310)</b>	≥ 8.5 N/mm <sup>2</sup>
<b>Modulus of elasticity in bending (EN 310)</b>	≥ 1200 N/mm <sup>2</sup>
<b>Internal bond (EN 319)</b>	≥ 0.20 N/mm <sup>2</sup>
<b>Surface soundness (EN 311)</b>	≥ 0.8 N/mm <sup>2</sup>
<b>Mean density (EN 323)</b>	640 kg/m <sup>3</sup> to 700 kg/m <sup>3</sup>

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