

## Technical data

### PremiumBoard Pyroex 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<br>(mm, nominal dimension) |              |              |              |
|                               |             |                   | > 13 to ≤ 20  | > 20 to ≤ 25 | > 25 to ≤ 32 | > 32 to ≤ 40 |
| Mean density                  | EN 323      | kg/m <sup>3</sup> | 680 – 650   | 650 – 630    | 640 – 620    | 620 – 600    |
| Bending strength              | EN 310      | N/mm <sup>2</sup> | 15  | 13           | 11           | 9            |
| Bending modulus of elasticity | EN 310      | N/mm <sup>2</sup> | 2,300   | 2,050        | 1,850        | 1,500        |
| Internal bond                 | EN 319      | N/mm <sup>2</sup> | 0.35  | 0.3          | 0.25         | 0.2          |
| Swelling in thickness, 24 h   | EN 317      | %                 | 15  | 15           | 15           | 14           |

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