

Technical data

LightBoard LP1

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|----------------------------------|-----------|
| 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 |

| Property | Test method | Unit | Requirement | | |
|-------------------------------|-------------|-------------------|---|--------------|-----------|
| | | | Thickness / Range of thickness (mm, nominal dimension) | | |
| | | | > 25 to ≤ 32 | > 32 to ≤ 40 | > 40 |
| Mean density | EN 323 | kg/m ³ | 550 – 480 | 550 – 480 | 550 – 480 |
| Bending strength | EN 310 | N/mm ² | 2.5 | 2 | 2 |
| Bending modulus of elasticity | EN 310 | N/mm ² | 450 | 400 | 375 |
| Internal bond | EN 319 | N/mm ² | 0.17 | 0.14 | 0.14 |

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