

| Properties | Unit | Test Method | EN Type | P1 (Standard) | | | | | P2 (light industrial) | | | | | |
|--------------------------------|---------------------------|-------------|-------------|-------------------|---------------------|---------|---------|---------|-----------------------|---------------------|---------|---------|---------|---------|
| | | | | Thickness | > 6-13 | > 13-20 | > 20-25 | > 25-32 | > 32-40 | > 6-13 | > 13-20 | > 20-25 | > 25-32 | > 32-40 |
| Tolerance on nominal dimension | Thickness | mm | EN 234-1 | Test piece | ± 0.3 | | | | | ± 0.3 | | | | |
| | Length & Width | mm | EN 234-1 | | ± 5.0 | | | | | ± 5.0 | | | | |
| | Squareness | mm | EN 234-2 | | 2 mm. Per 1,000 mm. | | | | | 2 mm. Per 1,000 mm. | | | | |
| Density within a board | kg/m ³ (± 10%) | EN 323 | 50x50 | 590 - 710 | | | | | 600 - 720 | | | | | |
| Bending strength | N/mm ² (min) | EN 310 | (20T+50)x50 | 12.5 | 11.5 | 10.0 | 8.5 | 7.0 | 13.0 | 13.0 | 11.5 | 10.0 | 8.5 | |
| Modulus of elasticity | N/mm ² (min) | EN 310 | 50x50 | - | | | | | 1,800 | 1,600 | 1,500 | 1,350 | 1,200 | |
| Internal bond | N/mm ² (min) | EN 319 | 50x50 | 0.28 | 0.24 | 0.20 | 0.17 | 0.14 | 0.40 | 0.35 | 0.30 | 0.25 | 0.20 | |
| Surface soundness | N/mm ² (min) | EN 311 | 50x50 | - | | | | | 0.8 | | | | | |
| Moisture content | % | EN 322 | mass ≥ 20 | 5 - 13 | | | | | 5 - 13 | | | | | |
| Formaldehyde | ASTM | ppm | ASTM D 6007 | 160x160 mm | PHASE 2 ≤ 0.09 | | | | | | | | | |
| | EN | mg/100g | EN 120 | 25x25 | IKEA MAT-0003 ≤ 4 | | | | | | | | | |
| Adhesive | | | | Urea formaldehyde | | | | | | | | | | |
| Standard conform to | | | | EN type P1: 2003 | | | | | EN type 2: 2003 | | | | | |



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