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This document has been prepared in accordance with Standard EN ISO/IEC 17 050-1

This product is manufactured in accordance with Standard EN 312

| № | Mechanical properties and general tolerances | Test method | Unit | Requirements | | | | |
|----|--|---------------------|-------------------|-------------------------------|------------|------------|------------|------------|
| | | | | Thickness range (mm, nominal) | | | | |
| | | | | ≥ 8 to 13 | > 13 to 20 | > 20 to 25 | > 25 to 32 | > 30 to 42 |
| 1 | Tolerances on nominal dimensions | EN 324-1 | | | | | | |
| | -Thickness (sanded) within and between boards | | mm | ± 0.3 | | | | |
| | - Length and width | | mm | ± 5 | | | | |
| | - Tolerances on the mean density within a board | | kg/m ³ | ± 10 | | | | |
| 2 | Edge straightness tolerance | EN 324-2 | mm/m | ≤ 1.5 | | | | |
| 3 | Squareness tolerance | EN 324-2 | mm/m | ≤ 2 | | | | |
| 4 | Moisture content | EN 322 | % | 5 - 13 | | | | |
| 5 | Density | EN 323 | kg/m ³ | - | | | | |
| 6 | Bending strength | EN 310 | N/mm ² | ≥ 10.5 | ≥ 10 | ≥ 10 | ≥ 8.5 | ≥ 7 |
| 7 | Modulus of elasticity in bending | EN 310 | N/mm ² | ≥ 1600 | ≥ 1400 | ≥ 1200 | ≥ 1100 | ≥ 1000 |
| 8 | Tensile strength | EN 319 | N/mm ² | ≥ 0.28 | ≥ 0.24 | ≥ 0.20 | ≥ 0.17 | ≥ 0.14 |
| 9 | Surface soundness | EN 311 | N/mm ² | ≥ 0.8 | | | | |
| 10 | Thickness swelling (2 h.) | EN 317 | % | ≤ 15 | | | | |
| 11 | Water absorption (2 h.) | EN 317 | % | ≤ 75 | | | | |
| 12 | Screw hold edge | EN 320 | N | ≥ 450 | | | | |
| 13 | Formaldehyde release according to EN 13986 - Class E1 Perforator value | EN 12460-5 (EN 120) | mg/100 g | ≤ 8 mg/100 g. | | | | |

NOTE: The values are characterised by a moisture content in the material corresponding to a relative humidity of 65 % and a temperature of 20 °C.

NOTE: The density is not exactly specified because of the market variabilities. In order to get exact value of the density you are advised to contact the relevant Sales Executive.

NOTE: Upon customer's demand we may offer FSC™ certified products. FSC certified products are specified in the invoice.

Application: Particle boards, three-layered, flat-pressed.
- type P1 for general use in dry conditions.

Delivery dimensions (mm) (length and width) - 1830 - 3660
- 1830 - 2440
- 2070 - 2800



Elaborated: **Quality Control Manager**

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Approved: **General Manager**

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