

Product Number: **REP_MFC_10_0431**

Product Name: **Oak Royal Light**



The décor is reminiscent of a carved relief. Its handcrafted workmanship gives it depth and elegance, which is why it fits into a modern atmosphere.

Application: Repo P2 boards for furniture for use in dry conditions.
Repo P3 moisture-resistance boards for use in humid conditions (available only in 16 mm thickness)

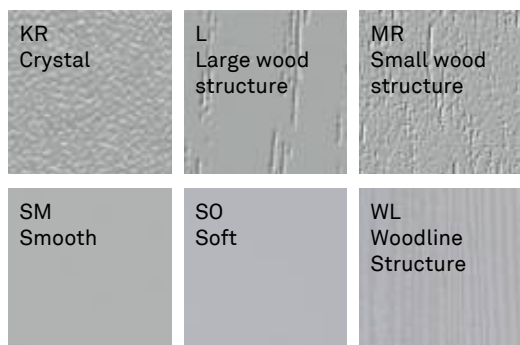
Mechanical and physical properties

Repo P2 and P3 board complies with the European Standard EN-312

Requirements of P2 particleboard for interior fitments for use in dry conditions:

| Properties | Unit | Requirement | | |
|--|-------------------|-------------|---------------|--------|
| Size | mm | 2750 x 1830 | | |
| Thickness | mm | 10, 12 | 15, 16 18, 19 | 22, 25 |
| Density | kg/m ² | 650 - 700 | | |
| Tolerance on nominal dimensions: | | | | |
| - Thickness (sanded) within and between boards | mm | ± 0.3 | | |
| - Length and width | mm | ± 5 | | |
| Squareness tolerance | mm/m | 2 | | |
| Moisture content | % | 5 - 13 | | |
| Formaldehyde release according to EN 13986: Class E1 | mg/100 gr | < 8.0 | | |
| Bending strength | N/mm ³ | 13 | 13 | 11.5 |
| Internal bound | N/mm ³ | 0.4 | 0.35 | 0.3 |
| Surfaces soundness | N/mm ³ | 0.8 | | |

Surface texture MFC boards



Requirements of P3 particaleboard for use in humid conditions

Mechanical and swelling

| Properties | Unit | Requirement |
|----------------------------|-------------------|-------------|
| Thickness | mm | 16* |
| Bending strength | N/mm ² | 14 |
| Internal bound | N/mm ² | 0.45 |
| Swelling in thickness, 24h | % | 14 |

* P3 Boards available only in 16mm thickness.

Moisture resistance

| Properties | Unit | Requirement |
|---|-------------------|-------------|
| Internal bond after cyclic test | N/mm ³ | 0.13 |
| Swelling in thickness after cyclic test | % | 13 |

Product Number: **REP_MFC_10_0434**

Product Name: **Ash Royal Light**

Standard packaging MFC boards

| Thickness mm | Boards pcs/package | Quantity m ² | Weight kg | Height mm |
|--------------|--------------------|-------------------------|-----------|-----------|
| 10 | 50 | 2.5 | 1880 | 500 |
| 12 | 45 | 2.72 | 1970 | 540 |
| 15 | 37 | 2.79 | 1980 | 565 |
| 16 | 35 | 2.82 | 1983 | 560 |
| 18 | 30 | 2.72 | 1954 | 540 |
| 19 | 30 | 2.87 | 1988 | 570 |
| 22 | 25 | 2.77 | 1936 | 550 |
| 25 | 22 | 2.77 | 1988 | 550 |

