

Technical Datasheet

Eurospan JP F0,3(F****) ENF MR ELS

Recipe: 146

ELS (Egger Legal Sources): Wood from controlled sources according to EUTR.

Application: Particle board with reduced formaldehyde for using as Core board and based to fulfill in the end the Japanese standard JIS A 5908:2015, Australian standard AS/NZS 1859.1:2004 class M and GB/T 15102 for final decorative laminated particle board.

| Mechanical properties | Unit | Board thickness | | | | |
|--------------------------------------|----------------------|------------------------|----------|----------|----------|----------|
| | | >6 - 13 | >13 - 20 | >20 - 25 | >25 - 32 | >32 - 40 |
| Density EN 323 | [kg/m ³] | 700 (-50 / +100) | | | | |
| Internal bond EN 319 | [N/mm ²] | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 |
| Bending strength EN 310 | [N/mm ²] | 13.0 | 13.0 | 13.0 | 13.0 | 10.0 |
| Bending modulus of elasticity EN 310 | [N/mm ²] | 2.500 | 2.500 | 2.500 | 2.500 | 2.500 |
| Surface soundness EN 311 | [N/mm ²] | ≥ 1.0 | | | | |
| Thickness swelling 24 h EN 317 | [%] | ≤ 12.0 | | | | |
| Board moisture* EN 322 | [%] | 5 - 13 | | | | |
| Formaldehyde emission class(es)** | | F**** (plant specific) | | | | |

* On delivery

** The product complies with the following emission class(es) after lamination:

F****: EGGER Eurodekor boards complies to Japanese standard JIS A 5908, with the limit value (mean value) of ≤ 0.3 mg HCHO/L according to the desiccator method JIS A 1460.

| General tolerances | Unit | Board thickness | | | | |
|------------------------------------|--------|-----------------|----------|----------|----------|----------|
| | | >6 - 13 | >13 - 20 | >20 - 25 | >25 - 32 | >32 - 40 |
| Length and width tolerance EN 324 | [mm] | ± 3.0 | | | | |
| Squareness EN 324 | [mm/m] | ≤ 2.0 | | | | |
| Edge straightness tolerance EN 324 | [mm/m] | ≤ 1.5 | | | | |
| Thickness tolerance EN 324 | [mm] | ±0.3 | | | | |



| Building physical properties | Unit | Board thickness | | | | |
|--|-----------|--|----------|----------|----------|----------|
| | | >6 - 13 | >13 - 20 | >20 - 25 | >25 - 32 | >32 - 40 |
| Fire behaviour category | | | | | | |
| In line with EN13986 (9mm) and density 600 kg/m ³ | | D-s2. d0 | | | | |
| Water vapour diffusion resistance value | | | | | | |
| Mean bulk density 600 kg/m ³ Mean bulk density 900 kg/m ³ | | μ moist | | μ dry | | |
| | | 15 | | 50 | | |
| | | 20 | | 50 | | |
| Thermal conductivity EN 13986 | | | | | | |
| Mean bulk density 600 kg/m ³ Mean bulk density 900 kg/m ³ | [W/(m*K)] | 0.12 0.18 | | | | |
| Air sound insulation EN 13986 | | | | | | |
| EN 13986 | | R = 13 x lg(mA) + 14 (mA = board weight per unit area kg/m ²) | | | | |
| Sound absorption EN 13986 | | | | | | |
| Frequency range 250 Hz bis 500 Hz 1000 Hz bis 2000 Hz | | 0.1 0.25 | | | | |
| Biological durability EN 13986 | | | | | | |
| EN 335-3 | | Hazard class 1 (without earth contact, dry 20°C / 65% relative humidity) | | | | |
| PCP content EN 13986 | | | | | | |
| EN 13986 | [ppm] | <5 | | | | |

Provisional note:

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