



Declaration of Performance

According to the regulation (EU) No. 305 of the European Parliament and Council of 9. March 2011

DOP Nr.: MKMDF001

1.) Type:

Raw MDF E1

2.) Application:

3.) For non-bearing purpose in dry areas

4.) Manufacturer name:

Kaindl MDF E1

5.) Manufacturer:

M. Kaindl KG, Kaindlstraße 2, A-5071 Wals/Salzburg

6.) System of conformity:

System 4

7.) Standard applied:

EN 13986:2004

8.) Notified body:

Holzforschung Austria
Franz Grill – Straße 7
A-1030 Wien

9.) Declared performance:

| | Unit | Thicknesses | | | | |
|--|----------------------|--------------------------|-------|--------|--------|---|
| | [mm] | >6-9 | >9-12 | >12-19 | >19-30 | - |
| Mechanical Properties | | | | | | |
| Density | [kg/m ³] | at factory specification | | | | |
| Cross tensile strength EN 319 | [N/mm ²] | 0,65 | 0,60 | 0,55 | 0,55 | - |
| Bending strength EN 310 | [N/mm ²] | 23,0 | 22,0 | 20,0 | 18,0 | - |
| Bending elasticity module EN 310 | [N/mm ²] | 2.700 | 2.500 | 2.200 | 2.100 | - |
| Expansion thickness 24h EN 317 | [N/mm ²] | 15,0 | 15,0 | 12,0 | 10,0 | - |
| Thickness tolerance EN 324 (sanded board) | [mm] | ± 0,2 | ± 0,2 | ± 0,2 | ± 0,3 | - |
| Board moisture content* EN 322 | [%] | 4-11 | | | | |
| Formaldehyde release ** EN 120 | [mg/100g] | E1 | | | | |

| General requirements | | |
|---|-----------|--|
| Tolerance length and width EN 324 | [mm/m] | ± 2, max. 5,0 mm |
| Rectangularity tolerance EN 324 | [mm/m] | ± 2,0 |
| Edge-straightness EN 324 | [mm/m] | ≤ 1,5 |
| Density limit-deviation (average value) EN 323 | [%] | ± 7,0 |
| Construction physical properties EN 13986 | | |
| Fire class minimum- thickness > 9 mm minimum- density ≥ 600 kg/m ³ | | D-s2, d0 |
| Water vapour- Coefficient of resistance mean density 600 kg/m ³ | | μ moist μ dry 15 50 |
| Heat conductivity mean density 600 kg/m ³ | [W/(m*K)] | 0,12 |
| Grade of acoustical absorption Frequency range 250 Hz to 500 Hz 1000 Hz to 2000 Hz | | 0,10 0,25 |
| Airborne sound insulation | | R = 13 x lg(mA) + 14 (mA = board weight [kg/m ²]) |
| PCP content | [ppm] | <5 |

*at despatch

** moving half year values ≤ 6,5 mg HCHO / 100 gr. absol. dry chipboard Platte

This declaration of performance applies as long as the specifications in the harmonised standard detailed above (EN 13986:2004) do not change.

Authorised representative:

Ing. Konrad Grünwald

Capacity:

Managing Director

Place, date: Salzburg, 01.10.2013



Signature