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# TEST CERTIFICATE

## PT-24-01-17-40

**Product:** Kaindl Veneered Fiber Board MDF/CA
Veneered boards for interior use
acc. to EN 14322:2021, Thickness range: > 12 mm to 19 mm

**Client:** M. KAINDL GmbH, Kaindlstrasse 2, 5071 Wals/Salzburg, Austria

**Order:** Determination of mechanical and chemical properties

**Basis:** Test Report No. 2118037-W-MDF/CA-12/19-2023 of 14 Dec 2023
Test Report No. 2118037-W-MDF/CA-FUR-2023 of 17 Jan 2024
Test Report No. 2118037-W-P2/CA-FUR-2023 of 17 Jan 2024
Test Report No. 2117197/2023/03-MDF of 11 Sep 2023
Test Report No. 2118037/2023/5 of 11 Jul 2023

**Test Result:**

| Characteristic | Requirement |
|---|---|
| Bending strength acc. to EN 310 | ≥ 20 N/mm² |
| Modulus of elasticity acc. to EN 310 | ≥ 2200 N/mm² |
| Thickness swelling acc. to EN 317 | ≤ 12 % |
| Internal bond strength acc. to EN 319 | ≥ 0,55 N/mm² |
| Surface soundness acc. to EN 311 | ≥ 0,80 N/mm² |
| HCHO emission raw board acc. to ASTM D1333 | ≤ 0,11 ppm |
| HCHO emission acc. to EN 16516 (ChemVerbotsV) | ≤ 0,1 ppm |
| PCP content acc. to CEN/TR 14823 | ≤ 3 ppm |
| Lindan content acc. to CEN/TR 14823 | ≤ 1 ppm |
| Migration of heavy metals acc. to EN 71-3 | Category III |

Based on a contractionally specified inspection of the production and on laboratory tests, it can be stated that the tested fiber boards fulfill the requirements of Type MDF acc. to EN 622-5 and acc. to EN 14322.
The formaldehyde emission is below the maximum permissible requirement acc. to the German Chemicals Prohibition Ordinance (ChemVerbotsV), valid from 1 Jan 2020.
The formaldehyde concentration acc. to ASTM D1333 is below the the maximum permissible requirement of EPA/CARB/TSCA.

**Validity:** 31 Dec 2024

Dresden, 17 Jan 2024

i. V.

Head of laboratory

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Engineer in charge