

T E S T C E R T I F I C A T E

PT-24-12-18-04

Product: Kaindl Decor Board P2/CA
Melamine faced boards for interior use under dry conditions
acc. to EN 14322:2021, thickness range: > 13 mm to 20 mm

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

Order: Determination of mechanical, chemical and surface properties

Basis: Test Report No. 2118037-W-P2/CA-13/20-2024 of 12 Dec 2024
Test Report No. 2118037-W-P2/CA-MEL-2024 of 17 Dec 2024
Test Report No. 2117197/2024/04/PB1/CARB-EPA of 5 Dec 2024
Test Report No. 2118037/2024/22 of 26 Jun 2024
Test Report No. 2118037/2024/30 of 8 Nov 2024
Test Report No. 2514577/37/1 of 16 Oct 2024

Test Result:

Characteristic	Requirement
Bending strength acc. to EN 310	≥ 11 N/mm ²
Modulus of elasticity acc. to EN 310	≥ 1600 N/mm ²
Internal bond strength acc. to EN 319	≥ 0,35 N/mm ²
Surface soundness acc. to EN 311	≥ 0,80 N/mm ²
HCHO emission acc. to EN 717-1	Requirement FA-REACH-2026 and ChemVerbotsV-2020 fulfilled (a)
HCHO emission raw board acc. to ASTM D6007	≤ 0,09 ppm (b)
PCP content acc. to CEN/TR 14823	≤ 3 ppm
Lindan content acc. to IHD W-410	≤ 1 ppm
Migration of heavy metals acc. to EN 71-3	Category III
Resistance to scratching acc. to EN 14323	≥ 1,5 N
Resistance against staining acc. to EN 14323	≥ Rating 3
Resistance against crazing acc. to EN 14323	≥ Rating 3
Resistance to surface wear acc. to EN 14323	Class 4
Light fastness acc. to EN 14323 (blue scale level)	≥ 6

Based on a contractually specified inspection of the production and on laboratory tests, it can be stated that the tested particle boards fulfill the requirements of Type P2 acc. to EN 312 and the requirements of EN 14322.

- (a) Formaldehyde emission limit value according to COMMISSION REGULATION (EU) 2023/1464 of 14 July 2023 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council as regards formaldehyde and formaldehyde releasers, Formaldehyde limit value 0.062 mg/m³ for furniture and wood-based products.
Limit value for formaldehyde emissions in accordance with the Chemicals Prohibition Ordinance (ChemVerbotsV) Annex 1 to §3 of 20 January 2017 in conjunction with the announcement of analytical methods published on 26 November 2018, BAnz AI 26.11.2018 B2, 124 µg/m³ (0.1 ppm)
- (b) The formaldehyde concentration acc. to ASTM D6007-14 is below the the maximum permissible requirement of EPA/CARB.

Validity: 31 Dec 2025

Dresden, 18 Dec 2024

Head of laboratory



Engineer in charge