

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

PT-22-02-17-24

Product: Kaindl Decor Board P2/CA
Melamine faced boards for interior use under dry conditions
acc. to EN 14322:2017, thickness range: > 25 mm to 32 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-25/32-2021-1 of 17 Feb 2022
Test Report No. 2118037-W-P2/CA-MEL-2021 of 17 Feb 2022
Test Report No. 2117197/2021/03-PB of 24 Aug 2021
Test Report No. 2118037/2021/CT/8 of 10 Nov 2021
Test Report No. 2514577/24/1 of 7 Jun 2021

Test Result:

Characteristic	Requirement
Bending strength acc. to EN 310	≥ 9,5 N/mm ²
Modulus of elasticity acc. to EN 310	≥ 1350 N/mm ²
Internal bond strength acc. to EN 319	≥ 0,25 N/mm ²
Surface soundness acc. to EN 311	≥ 0,80 N/mm ²
HCHO emission acc. to EN 16516 (ChemVerbotsV)	≤ 0,1 ppm
HCHO emission raw board acc. to ASTM D6007-14	≤ 0,09 ppm
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.

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 of the raw particle board acc. to ASTM D6007-14 is below the the maximum permissible requirement of EPA/CARB/TSCA.

Validity: 31 Dec 2022

Dresden, 17 February 2022

Head of laboratory



Engineer in charge

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

PT-22-02-17-18

Product: Kaindl Decor Board P2/CA
Melamine faced boards for interior use under dry conditions
acc. to EN 14322:2017, 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-13/20-2021 of 13 Dec 2021
Test Report No. 2118037-W-P2/CA-MEL-2021 of 17 Feb 2022
Test Report No. 2117197/2021/03-PB of 24 Aug 2021
Test Report No. 2118037/2021/CT/8 of 10 Nov 2021
Test Report No. 2514577/24/1 of 6 Jul 2021

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 16516 (ChemVerbotsV)	≤ 0,1 ppm
HCHO emission raw board acc. to ASTM D6007-14	≤ 0,09 ppm
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.

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 of the raw particle board acc. to ASTM D6007-14 is below the the maximum permissible requirement of EPA/CARB/TSCA.

Validity: 31 Dec 2022

Dresden, 17 February 2022


Head of laboratory





Engineer in charge