

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

PT-21-02-25-32

Product: Kaindl Decor Board P2/CA
Melamine faced boards for interior use under dry conditions
acc. to DIN EN 14322:2017-07, thickness range: > 25 mm to 32 mm

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

Order: Determination of mechanical, chemical and surface properties

Basis: Test Report No. 2118037-W-P2/CA-25/32-2020 of 26 Jan 2021
Test Report No. 2118037-W-P2/CA-MEL-2020-1 of 25 Febr 2021
Test Report No. 2117197/2020/04-PB of 18 Dec 2020
Test Report No. 2118037/2020/CT/3/1 of 13 Oct 2020
Test Report No. 2514577/22/1 of 7 Dec 2020

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	≤ 0,3 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 DIN EN 312 and the requirements of DIN 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 2021

Dresden, 25 February 2021


Head of laboratory




Engineer in charge