

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

PT-21-06-03-07

Product: Kaindl Counter Top
CPL coated boards for interior use under dry conditions
Thickness range: > 25 mm to 32 mm, CPL acc. to DIN EN 438-3:2016-06

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-CPL-2020-1 of 3 June 2021
Test Report No. 2117197/2020/04-PB of 18 Dec 2020
Test Report No. 2118037/2020/CT/2/W 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 CEN/TR 14823	≤ 0,3 ppm
Resistance to scratching acc. to EN 438-2	≥ Rating 3
Resistance against staining acc. to EN 438-2	≥ Rating 5
Resistance against crazing acc. to EN 438-2	≥ Rating 4
Resistance to impact (small ball) acc. to EN 438-2	≥ 15 N
Resistance against wet/dry heat acc. to EN 438-2	≥ Rating 4
Resistance to water vapour acc. to EN 438-2	≥ Rating 4
Resistance to surface wear acc. to EN 438-2	≥ 150
Light fastness acc. to EN 438-2 (grey scale)	≥ grey scale 4-5
Migration of heavy metals acc. to EN 71-3	Category III

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. 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.

Validity: 31 Dec 2021

Dresden, 3 June 2021

Head of laboratory



Engineer in charge