

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

PT-23-12-20-36

Product: Kaindl Fiber Board MDF/CA
Boards for general purposes and use under dry conditions
Type MDF acc. to EN 622-5:2009, 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 2022
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/mm ²
Modulus of elasticity acc. to EN 310	≥ 2200 N/mm ²
Thickness swelling acc. to EN 317	≤ 12 %
Internal bond strength acc. to EN 319	≥ 0,55 N/mm ²
Surface soundness acc. to EN 311	≥ 0,80 N/mm ²
HCHO emission acc. to ASTM E1333-14	≤ 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


Based on a contractually 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. 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 E1333-14 is below the the maximum permissible requirement of EPA/CARB/TSCA.

Validity: 31 Dec 2024

Dresden, 20 Dec 2023


Head of laboratory




Engineer in charge