

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

PT-24-12-18-52

Product: Kaindl Fiberboard MDF/CA
Boards for general purposes and use under dry conditions
Type MDF acc. to EN 622-5:2009

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

Order: Testing of formaldehyde emission acc. to EN 717-1, EN 16516, EN ISO 12460-5, EN ISO 12460-3 and ASTM E1333-14

Basis: Test Reports No. 2118037/2024/7 and /10 of 27 Jun 2024
Test Reports No. 2118037/2024/9, /12 and /15 of 10 Apr 2024
Test Report No. 2118037/2024/13 of 26 Jun 2024
Test Report No. 2118037/2024/19-A1 of 4 Sep 2024
Test Report No. 2118037/2024/21 of 14 May 2024
Test Reports No. 2117197/2024/02-tMDF and -MDF of 24 Jun 2024

Test Result:

Characteristic	Requirement
Formaldehyde emission acc. to EN 717-1 (FA-REACH-2026)	≤ 0,062 mg/m ³
Formaldehyde emission acc. to EN 16516 (ChemVerbotsV)	≤ 0,1 ppm
Formaldehyde content acc. to ISO 12460-5 (EN 13986)	≤ 8 mg/100 g atro
Formaldehyde emission acc. to ISO 12460-3	≤ 3,5 mg/m ² h
Formaldehyde emission raw board acc. to ASTM E1333-14	≤ 0,11 ppm

Kaindl Fiberboards MDF/CA are subject to a contractually specified inspection of the production and on laboratory and comparative tests.

The formaldehyde emission is below the max. permissible requirement acc. to the German 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.

The formaldehyde emission is below the max. permissible requirement acc. 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.

The products fulfill the requirement to Class E1 acc. to EN 13986.

The formaldehyde concentration of the raw board acc. to ASTM E1333-14 is below the the maximum permissible requirement of EPA/CARB/TSCA.

Validity: 31 Dec 2025

Dresden, 18 December 2024

Head of laboratory



Engineer in charge