

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

ST-21-02-18-02

**Products:** Laminate floor coverings according to ÖNORM EN 13229:2017  
in thicknesses: 7.0 mm - 12.0 mm  
Factory type designation of the core boards:  
Low-swelling HDF board (thickness 7 mm).  
Extremely low-swelling HDF board Optima and HDF board Optima plus  
(thickness 8, 10 and 12 mm)

**Client:** M. Kaindl OG/ Kaindl Flooring GmbH, Kaindlstrasse 2  
5071 Wals/ Salzburg, Austria

**Order:** Determination of formaldehyde emission according to ÖNORM EN ISO 12460-3

**Test reports:** 2118037/2020/1-6/W

**Test results:**

HDF board thickness	Result
7 mm	0.2 mg HCHO/hm <sup>2</sup>
8 mm	0.2 mg HCHO/hm <sup>2</sup>
10 mm	0.2 mg HCHO/hm <sup>2</sup>
12 mm	0.2 mg HCHO/hm <sup>2</sup>


The formaldehyde emission, determined according to ÖNORM EN ISO 12460-3, is below the maximum permissible value ( $\leq 3.5$  mg HCHO/hm<sup>2</sup>) for coated wood materials according to the Formaldehyde Ordinance valid in Austria and the DIBT Guideline 100 (E1).

This test certificate is valid until 12/11/2021.

Dresden, 18/02/2021



Head of laboratory

Engineer in charge