

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

ST-25-01-21-05

**Product:** Laminate floor covering of assembly group 47: Kaindl laminate floor covering Natural Touch 8.0 mm  
**Client:** Kaindl Flooring GmbH, Kaindlstrasse 2, 5071 Wals/ Salzburg, Austria  
**Order:** Carry out of an external quality control on laminate floor coverings according to EN 13329:2023, ISO 14486:2012 and on other selected properties  
**Test reports:** 2117129/2024/1-5/5W/5W1/8-11 and quarterly reports of CARB/EPA surveillance  
**Test results:**

Properties	Results of classification requirements tests according to EN 13329:2023 / ISO 14486:2012 / other tests	
Abrasion resistance	AC4	
Impact resistance	Small ball	≥ 35 mm
	Big ball	≥ 750 mm
Resistance against staining	Groups 1 und 2	Grade 5
	Group 3	Grade 4
Effect of a furniture leg	no visible damages	
Effect of a castor chair	no visible damages	
ISO 4760 and NALFA surface swell test	< 0,3 mm and Grad 2 / no water leak through the joints	
Thickness swelling	≤ 18 %	
Locking strength	$f_{10,2} \geq 1 \text{ kN/m} / f_{50,2} \geq 2 \text{ kN/m}$	
Surface soundness	≥ 1,25 N/mm <sup>2</sup>	
PCP/Lindane	< 5 ppm	
Formaldehyde release according to EN ISO 12460-3	Austrian formaldehyde ordinance is fulfilled	
Formaldehyde emission according to EN 717-1	Requirements FA-REACH-2026 <sup>1</sup> / ChemVerbotsV-2020 <sup>2</sup> fulfilled	
Formaldehyde requirements of CARB Phase 2 and EPA TSCA Title VI	Carrier boards certified by TPC 10	
Migration of heavy metals, chromium VI and organ stannic compounds according to EN 71-3	Requirements fulfilled	
VOC-Emission according to EN 16516	Requirements of AgBB-scheme and MVVTB ABG annex 8, French Class A+, BREEAM General Level; Belgian VOC regulation; Finnish M1 classification, LEED v4 and TÜV PROFICERT-product Interior PREMIUM are fulfilled	

<sup>1</sup> Formaldehyde emission limit value according 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/m<sup>3</sup> for furniture and wood-based products.

<sup>2</sup> Limit value for formaldehyde emissions in accordance with the Chemicals Prohibition Ordinance (ChemVerbotsV) Annex 1 to §3 of 20.01.2017 in conjunction with the announcement of analytical methods published on November 26, 2018, BAnz AI 26.11.2018 B2, 124 µg/m<sup>3</sup> (0.1 ppm)

The tested laminate floor covering meets all requirements according to EN 13329:2023 and ISO 14468:2012 for the class 32.

This test certificate is valid until 20/01/2026.

Dresden, 21/01/2025



Head of laboratory




Engineer in charge