

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

ST-23-12-12-21

**Product:** Laminate floor covering of assembly group 71: Kaindl laminate floor covering AQUApro Select NT 12.0 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 13329:2016+A2:2021, ISO 14486:2012 and on other selected properties  
**Test reports:** 2117129/2023/1-5 and quarterly reports of CARB/EPA surveillance

**Test results:**

Properties	Results of classification requirements tests according to EN 13329:2016+A1:2017 / ISO 14486:2012 / other tests	
Abrasion resistance	AC5	
Impact resistance	Small ball	≥ 15 N
	Big ball	≥ 1000 mm
Resistance against staining	Groups 1 und 2	Grade 5
	Group 3	Grade 4
Effect of a furniture leg	not visible damages	
Effect of a castor chair	no visible damages	
Thickness swelling	≤ 15 %	
NALFA surface swell test	< 0,3 mm und Grad 2	
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 emission according to EN ISO 12460-3	Requirements of DIBT guideline 100 (E1) / and Austrian formaldehyde ordinance are fulfilled	
Formaldehyde requirements of CARB Phase 2 and EPA TSCA Title VI.	Carrier boards certified by TPC 10	
Content of heavy metals, chromium VI and organostannic 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	

The tested laminate floor covering meets all requirements according to EN 13329:2016+A1:2017 and ISO 14486:2012 for the class 33.

This test certificate is valid until 11/12/2024.

Dresden, 12/12/2023

*Andreas Christel*

Head of laboratory



*[Signature]*  
Engineer in charge