

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

ST-19-11-07-09

Product: Laminate floor covering of assembly group 32: Kaindl laminate floor covering Natural Touch 8.0 mm

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

Order: Carry out of an external quality control on laminate floor coverings according to EN 13329:2017 and on other selected properties

Test reports: 2118037/2019/1-5/ and quartely reports of CARB/EPA surveillance

Test results:

Properties	Results of cClassification requirements tests according to EN 13329:2017/other tests	
Abrasion resistance	AC4	
Impact resistance	Small ball	≥ 12 N
	Big ball	≥ 750 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	≤ 18 %	
Locking strength	$f_{10,2} \geq 1 \text{ kN/m}$	
	$f_{s0,2} \geq 2 \text{ kN/m}$	
Surface soundness	≥ 1,25 N/mm ²	
Formaldehyde emission according to EN ISO 12460-3	Requirements of DIBT guideline 100 (E1)/ Austrian formaldehyde ordiance 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 and LEED v4 are fulfilled	

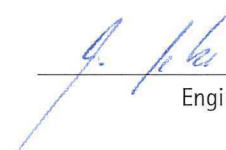
The tested laminate floor covering meets all requirements according to EN 13329:2017 for the class 32.

This test certificate is valid until 06/11/2020.

Dresden, 07/11/2019




Head of laboratory



Engineer in charge