

Kaindl TWO Wood Flooring

real wood floors and real wood design floors



As per June 2008

System

- 1 UV coated 8 layers
- 2 real wood surface ~0,6mm^{I) II)}
- 3 HDF Aquastop E0
- 4 real wood balancer ~ 0,6mm

I) Sorting grade Character: one lengthwise join per panel possible
 II) Kaindl TWO real wood design floors: digitally printed real wood surface

Plank dimensions 1380 x 116 x 10.5 mm

Profiles

LOC
long side profile

Fold down
short side profile

4-sided micro bevel
~35° / ~0.6 mm wide

Tests		Flooring symbols ¹⁾	Results
Moisture content (dispatch from manufacturer)	EN 322		4 - 7%
Adhesion of the lacquer	EN 14354		≤class 2
Thickness swelling	EN 13329		< 15 %
Thermal conductivity	EN12524		0.093 m ² -K/W
Sliding friction μ	EN 13893		≥ 0.3
Sliding behaviour USRV	EN 1339:2003		≥15
Effect of humidity variations on cupping	EN 14354		max. 0.35% of the width
Surface soundness	EN 13329		≥ 1 N/mm ²
Internal bond	EN 319		> 1.4 N/mm ²
Combustibility	EN 13501-1		C _{fl} - s1
Resistance to indentation	EN 1534		≥40 N/mm ²
Thickness of an element	EN 14354		nominal ≤±0.5 mm
Length of the top layer in the same package	EN 14354		≤0.5 mm
Width of the top layer in the same package	EN 14354		nominal ≤0.1 mm
Deviation from edge straightness of the top layer	EN 14354		≤ 0.30 mm / element length
Height difference between elements (lipping)	EN 14354		max. ≤ 0.15 mm
Deviation of squareness	EN 14354		≤ 0.20 mm / element width
Cup in width direction	EN 14354		average ≤ 0.17 mm max. ≤ 0.23 mm
Opening between elements	EN 14354		≤ 0.20 mm

Tests		Flooring symbols ¹⁾	Results
Class of use as per requirements according to	EN 685 EN 14354		31
Wear resistance	EN 14354		WR 2
Impact resistance (elasticity)	EN 14354		EC 3
Formaldehyde emission of substrate before coating	EN 120 DIBT Guideline 100		E1
Formaldehyde emission	EN 717-1 EN 717-2		≤0.1 ppm 3.5 mg/h m ²
Gloss level	Dr. Lange 60°		LM: 10-15 gloss points LS: 25-30 gloss points

All values are approximate values - fluctuations cannot be absolutely ruled out

¹⁾Information under www.floorsymbols.com