
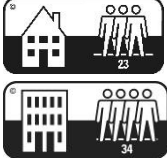



















KENKO MULTILAYER DESIGN FLOORING
TECHNICAL SPECIFICATION

General definition and product composition			
Definition			Multi-layer floating floor with a PVC-free abrasion-resistant decorative top layer and improved sound reduction.
Dimensions			1164 x 194 x 9 mm
Finish			High performance coating with electron beam hardening technology.
Product structure			<p>Top layer: 0.25 mm PVC-free special film coating. Cushion layer: 1.75 mm high-density agglomerated cork. Core layer: High-density fibreboard 6 mm, with very low formaldehyde content (E1) and high moisture resistance properties. Backing layer: 1mm insulating soft agglomerated cork sheet with integrated Microban® antibacterial protection.</p>
Locking system			Uniclic®
Technical data			
	Classification	EN 16511	Domestic 23 Residential areas with high traffic Commercial 34 Public areas with high traffic
	Length and width	EN ISO 24342	1164x194 mm ± 0.10%
	Overall thickness	EN ISO 24346	9 mm ± 0.20 mm
	Squareness Straightness	EN ISO 24342	< 0.3 mm < 0.2 mm
	Flatness of the panel Length - Concave / Convex Width - Concave / Convex	EN 14085	≤ 0.10 % / ≤ 0.5 % ≤ 0.05 % / ≤ 0.1 %
	Openings between panels Average / Individual values	EN 14085	≤ 0.10 mm / ≤ 0.15 mm
	Height difference between panels Average / Individual values	EN 14085	≤ 0.15 mm / ≤ 0.20 mm

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	Mass per unit area	EN ISO 23997	7.400 g/m ²
	Dimensional variation caused by changes in atmospheric humidity	EN 14085	≤ 0.2 %
	Residual indentation	EN ISO 24343-1	≤ 0.1 mm
	Castor chair	ISO 4918	No visible change / damages
	Effect of the simulated movement of a furniture leg	EN 424	No visible change / damages
	Locking strength Long / Short	EN ISO 24334	> 3 kN / m / > 4 kN / m
	Thickness swelling	EN ISO 24336	< 11%
	Abrasion resistance	EN 15468 EN 13329	> 7000 > 1200
	Impact resistance (big ball)	EN 13329	> 1800 mm
	Microscratch resistance	EN 16094	MSR-A2 (10% < Gloss change < 30%) MSR-B2 (few just recognisable scratches)
	Impact noise reduction	EN ISO 10140-3	ΔL _w = 18 dB
	Staining resistance	EN 438-2	Acetone - 5; Coffee - 5; NaOH - 5; H ₂ O ₂ - 5 Shoe polish - 5 5 = no visible change
	Formaldehyde emission	ENV 717-1	Formaldehyde Class E1
	Reaction to fire	EN 13501-1	Class Dfl-s1
	Slip resistance	EN 13893	Technical class DS
	Thermal resistance	EN 12667	0.09 m ² .K/W

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General data

Packing	<p>Floating floor panels are dispatched in cardboard trays wrapped in shrinking foil, providing suitable protection for normal transport and storage conditions. Packages are identified by a label and/or inkjet printing and palletized. Each pallet is over strapped and wrapped with stretch film.</p> <p>8 planks/pack; 1.81 m² per pack; 56 packs per pallet; 101.3 m² per pallet.</p>
Underfloor heating	<p>Suitable for hot-water underfloor heating and electrical underfloor heating when it is built into the floor screed or the concrete layer. The maximum permitted surface temperature is 28°C. The specific floating floors installation instructions for underfloor heating must be observed.</p>
Limited warranty	<p>We certify that the product is free from manufacturing and structural defects and will remain free of these defects. We guarantee that the surface finish will not wear through within 15 years (Residential) or 5 years (Commercial), under normal residential or commercial use and with proper maintenance.</p>
Environment	<p>100% PVC-free. This flooring is more than 80% wood and cork, which are renewable raw materials, and contains no PVC and no softeners or other substances hazardous to health or environment.</p>

