

KENKOTrend

MULTILAYER PVC-FREE DESIGN FLOORING

TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION





Definition	Multi-layer floating floor with a PVC-free abrasion-resistant decorative top layer, a HDF core, and improved sound reduction cork middle layer and backing, in accordance with EN 16511.
Dimensions	1164 x 300 x 8.5 mm
Finish	High performance coating with electron beam hardening technology.
Surface	Abrasion-resistant decorative PVC-free polymer.
Edges	Right-angle edges.
Locking system	Glue-less Uniclic® locking system.
















Product structure

Finish layer: High performance coating with electron beam hardening technology;
 Top layer: 0.20 mm PVC-free special polymer film printed with a high definition décor, with embossing;
 Middle layer: 0.8 mm high-density agglomerated cork;
 Core layer: HDFCORE High-density fibreboard 6.5 mm, with very low formaldehyde content (E1), CARB ATCM Phase II and TSCA Title VI compliant.
 Backing layer: 1 mm insulating soft agglomerated cork sheet with integrated MICROBAN® antimicrobial protection.
 Sealant: JOINTSHIELD® all around impregnating edge sealing system.

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	1164 x 300 mm ± 0.10%
	Overall thickness	EN ISO 24346	9.5 mm -0 / +0.3 mm

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	Squareness Straightness	EN ISO 24342	< 0.2 mm < 0.3 mm
	Flatness of the panel Length - Concave / Convex Width - Concave / Convex	EN 16511	≤ 0.2 % / ≤ 0.5 % ≤ 0.1 % / ≤ 0.2 %
	Openings between panels Average / Individual values	EN 16511	≤ 0.10 mm / ≤ 0.2 mm
	Height difference between panels Average / Individual values	EN 16511	≤ 0.1 mm / ≤ 0.15 mm
	Mass per unit area	EN ISO 23997	7400 g/m ²
	Dimension variation	ISO 24339	≤ 0.25 %
	Residual indentation	EN ISO 24343-1	≤ 0.25 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	< 12 %
	Abrasion resistance	EN 15468	> 7000 revolutions
	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
	Light fastness	EN ISO 105-B02	> 6 (blue scale)
	Formaldehyde emission	ENV 717-1	Formaldehyde release < Limit of Detection Formaldehyde Class E1

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	Reaction to fire	EN 13501-1	Class Dfl-s1
	Slip resistance	EN 13893	Technical class DS ($\mu > 0.3$)
	Thermal resistance	EN 12667	0.09 m ² .K/W

GENERAL DATA

Packing	<p>Panels are dispatched in cartons, 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 = 2.79 m² per pack 45 packs per pallet = 125.7 m² per pallet</p>
Underfloor heating	<p>Suitable for underfloor heating when it is built into the floor screed or the concrete layer. The maximum permitted surface temperature is 28°C.</p> <p>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.</p> <p>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> <p>KENKOTrend product fulfils the VOCs requirements according to the GreenGuard Gold criteria, AgBB-Scheme and Category A+ classification according to French VOC regulation.</p>



GRANORTE reserves the right to make changes to material and structure to improve the quality or technical performance.