

DESIGNTrend

MULTILAYER DESIGN CORK FLOORING

TECHNICAL SPECIFICATION





GENERAL DEFINITION AND PRODUCT COMPOSITION

Definition	Multi-layer floating floor with a high-density digital printed cork toplayer, a HDF core, and improved sound reduction cork backing, in accordance with EN 16511.
Dimensions	1164 x 194 x 9.5 mm
Finish	WEARTOP® High performance multilayer matt finish, with very low VOC content and extremely high wear and chemical resistance.
Surface	Cork, Digital printed, wood embossed.
Edges	Right-angle edges.
Locking system	Glue-less Uniclic® locking system.

















Product structure	<p>Top layer: 2 mm thickness high-density agglomerated cork, direct printed with a high definition digital graphic.</p> <p>Core layer: HDFCORE High-density fibreboard 6.5 mm, with very low formaldehyde content (E1), CARB ATCM Phase II and TSCA Title VI compliant.</p> <p>Backing layer: 1 mm insulating soft agglomerated cork sheet with integrated MICROBAN® antimicrobial protection.</p> <p>Sealant: JOINTSHIELD® all around impregnating edge sealing system.</p> <p>Embossing: AWS.</p>
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TECHNICAL DATA

	Classification	EN 10874	Domestic 23 Residential areas with high traffic
			Commercial 31 Public areas with moderate traffic
	Length and width	EN ISO 24342	1164 x 194 mm ± 0.10%
	Overall thickness	EN ISO 24346	9.5 mm -0 / +0.3 mm
	Squareness	EN ISO 24342	< 0.2 mm
	Straightness		< 0.3 mm

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	Flatness of the panel Length - Concave / Convex Width - Concave / Convex	EN 16511	≤ 0.1 % / ≤ 0.5 % ≤ 0.1 % / ≤ 0.2 %
	Openings between panels Average / Individual values	EN 16511	≤ 0.10 mm / ≤ 0.15 mm
	Height difference between panels Average / Individual values	EN 16511	≤ 0.1 mm / ≤ 0.15 mm
	Mass per unit area Density	EN ISO 23997 EN ISO 23996	7300 g/m ² 750 Kg/m ³
	Dimension variation	EN ISO 23999	≤ 0.4 %
	Residual indentation	EN ISO 24343-1	≤ 0.25 mm
	Locking strength Long / Short	EN ISO 24334	> 3 kN / m / > 4 kN / m
	Thickness swelling	EN ISO 24336	< 16 %
	Abrasion resistance	EN 15468	> 7000 (falling sand)
	Impact resistance (big ball)	EN 13329	> 1600 mm
	Microscratch resistance	EN 16094	MSR-A1 (Gloss change < 10%)
	Impact noise reduction	EN ISO 10140-3	ΔL _w = 17 dB
	Light fastness	EN ISO 105-B02	> 6 (blue scale)
	Formaldehyde emission	ENV 717-1	Formaldehyde release < Limit of Detection Formaldehyde Class E1
	PCP content	CEN/TR 14823	PCP content < Limit of Detection
	Reaction to fire	EN 13501-1	Class D _{fl-s1}
	Slip resistance	EN 13893	Technical class DS (μ > 0.3)
	Thermal resistance	EN 12667	0.09 m ² .K/W

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Packing	<p>DESIGNTrend floor 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; 1.81 m² per pack; weight per pack 14 Kg. 56 packs per pallet; 101.4 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 10 years (Residential) or 5 years (Commercial), under normal residential or commercial use and with proper maintenance. The specific warranty conditions must be observed.</p>
Environment	<p>This flooring is made with 100% recyclable materials. Contains no PVC, orthophthalates, softeners or other substances hazardous to health or environment.</p>
Warning notice	<p>Store in a place that is protected from moisture, heat and direct sunlight.</p> <p>Always install a vapour barrier 0.2 mm thick polyethylene sheeting under engineered floors.</p> <p>When the heating is on and high, gaps may appear due to extreme dryness of ambient air.</p> <p>DESIGNTREND uses paints with very high UV resistance. However, when exposed to direct sunlight, colour may change or fade. In rooms with large windows, shading should be used.</p>



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