

DESIGNTrend






MULTILAYER DESIGN CORK FLOORING

TECHNICAL SPECIFICATION
















GENERAL DEFINITION AND PRODUCT COMPOSITION	
Definition	9.5 mm thickness 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	Wood designs: 1164 x 194 x 9.5 mm Stone designs: 1164 x 300 x 9.5 mm
Finish	WEARTOP® High performance multilayer matt finish, with very low VOC content and extremely high wear and chemical resistance.



Product structure	<p>Finish layer: Hard-wearing WEARTOP® matt varnish.</p> <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> <p>Edges: Square edges.</p>
Installation	Glue-less Uniclic® locking system, installed floating according to installation instructions.

TECHNICAL DATA			
Classification		EN 16511	Domestic 23 Residential areas with high traffic
			Commercial 31 Public areas with moderate traffic
Length and width		EN ISO 24342	Wood designs: 1164 x 194 mm ± 0.10% Stone designs: 1164 x 300 mm ± 0.10%
Overall thickness		EN ISO 24346	9.5 mm ± 0.2 mm
Mass per unit area		EN ISO 23997	7400 g/m ²
Squareness Straightness		EN ISO 24342	< 0.2 mm < 0.3 mm
Flatness of the panel Length - Concave / Convex Width - Concave / Convex		EN 16511	< 0.5 % / < 1.0 % < 0.1 % / < 0.2 %

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Openings between panels Average / Individual values	EN 16511	< 0.15 mm / < 0.2 mm
Height difference between panels Average / Individual values	EN 16511	< 0.10 mm / < 0.15 mm
Dimensional variation caused by changes in atmospheric humidity	 ISO 24339	< 0.15 %
Thickness Swelling	 ISO 24336	< 16%
Locking strength Long / Short	 EN ISO 24334	> 2 kN/m / > 3 kN/m
Residual indentation	 EN ISO 24343-1	< 0.3 mm
Castor chair	 ISO 4918	No visible change / damages
Simulated movement of a furniture leg	 EN ISO 16581	No visible change / damages
Abrasion resistance	 EN 15468	> 7000 cycles
Impact resistance (big ball)	 EN 13329	> 1800 mm
Microscratch resistance	EN 16094	MSR-A1 (Gloss change < 10%)
Thermal resistance	 EN 12667	0.074 m ² .K/W
Impact noise reduction	 EN ISO 10140-3	ΔL _w = 17 dB
Light fastness	 EN ISO 105-B02	6 (blue scale)
Slip resistance	 EN 13893	Technical class DS dynamic coefficient of friction μ > 0.30
Reaction to fire	 EN 13501-1	Class C _{fi} -s1
Formaldehyde emission	 ENV 717-2	Formaldehyde Class E1
PCP content	 CEN/TR 14823	PCP content < 5 mg/Kg
VOC emission	ISO 16000 parts 3, 6, 9	Fulfilled AgBB scheme Fulfilled French Classification A+

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GENERAL DATA	
Packaging	<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>Wood designs: 8 planks 1164 x 194 mm per pack = 1.81 m² per pack 56 packs per pallet = 101.4 m² per pallet. Weight per pack: approx. 14 Kg.</p> <p>Stone designs: 7 planks 1164 x 300 mm per pack = 2.44 m² per pack 45 packs per pallet = 109.8 m² per pallet. Weight per pack: approx. 18 Kg.</p>
Underfloor heating	<p>Suitable for underfloor heating. The recommended maximum 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> <p><i>Note: The specific warranty terms and conditions must be observed. For warranty conditions, see www.granorte.com.</i></p>
Environment	<p>This flooring is made with 100% recyclable materials.</p> <p>Contains no PVC, orthophthalates, softeners or other substances hazardous to health or environment.</p> <p>DESIGNTrend product fulfils the VOCs requirements according to the GreenGuard Gold criteria, AgBB-Scheme and Category A+ classification according to French VOC regulation.</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>



FSC® certified products are available upon request

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