

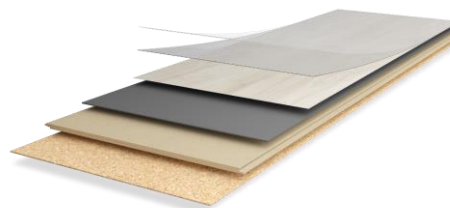
VINYLTrend

MULTILAYER DESIGN FLOORING

TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION

Definition	Multi-layer floating floor with a abrasion-resistant decorative LVT wear layer, a HDF core and improved sound reduction cork backing, in accordance with EN 16511.
Dimensions	1164 x 194 x 9.5 mm (wood visuals) 1164 x 300 x 9.5 mm (stone visuals)
Finish	DURAMOND® high performance matt coating.
Wear layer	0.33 mm
Edges	Right-angle edges.
Locking system	Glue-less Uniclic® locking system.



Product structure	<p>Finish layer: Hard-wearing PU coating; Top layer: 2 mm Luxury Vinyl with 0.33 mm wear layer. 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.</p>
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TECHNICAL DATA













	Classification	EN 10874	Domestic 23 Residential areas with high traffic
			Commercial 32 Public areas with medium traffic
	Length and width	EN ISO 24342	1164 x 194 mm ± 0.10% 1164 x 300 mm ± 0.10%
	Overall thickness	EN ISO 24346	9.5 mm ± 0.20 mm
	Wear layer thickness	EN ISO 24340	0.33 mm (2 mm LVT)

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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	≤ 0.1 % / ≤ 0.5 % ≤ 0.1 % / ≤ 0.2 %
	Openings between panels Average / Individual values	EN 16511	≤ 0.1 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	9100 g/m ² 910 Kg/m ³
	Dimension stability and curling after exposure to heat	EN ISO 23999	Dimension stability ≤ 0.15 % Curling = 0.0 mm
	Residual indentation	EN ISO 24343-1	≤ 0.25 mm
	Castor chair	ISO 4918	No visible damages / change (after 25000 revolutions)
	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	< 16 %
	Abrasion resistance	EN 15468	> 7000 (falling sand)
	Impact resistance (big ball)	EN 13329	> 1800 mm
	Microscratch resistance	EN 16094	MSR-A2 (10% < Gloss change < 30%) MSR-B1 (No visible scratches)
	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

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	PCP content	CEN/TR 14823	PCP content < Limit of Detection
	Reaction to fire	EN 13501-1	Class Bfl-s1
	Slip resistance	EN 13893 DIN 51130	Technical class DS ($\mu > 0.3$) R11 (coefficient of friction=0.42)
	Thermal resistance	EN 12667	0.09 m ² .K/W

GENERAL DATA

Packing	VINYL Trend 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. 1164x194x9.5mm: 8 planks/pack; 1.81 m ² per pack; 56 packs per pallet; 101.4 m ² per pallet. 1164x300x9.5 mm: 7 tiles/pack; 2.44m ² per pack; 45 packs per pallet; 109.8 m ² per pallet. Weight per pack: 17 - 22 Kg.
Underfloor heating	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.
Limited warranty	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 20 years (Residential) or 10 years (Commercial), under normal residential or commercial use and with proper maintenance.
Environment	This flooring is made with 100% recyclable materials. Contains no orthophthalates plasticisers.
Warning notice	VINYL Trend has a very high UV resistance. However, when exposed to direct sunlight, colour may change or fade. In rooms with large windows, shading should be used.



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