

SOLIDTrend

MULTILAYER DESIGN FLOORING

TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION

Definition	Multi-layer floating floor with a waterproof solid rigid core, abrasion-resistant decorative wear layer and improved sound reduction backing, in accordance with EN 16511.
Dimensions	1220 x 181 x 5 mm (wood visuals) 610 x 305 x 5 mm (stone visuals)
Finish	DURAMOND® high performance matt coating.
Wear layer	0.55 mm
Edges	4 sides micro-bevelled edges
Locking system	I4F Angle/droplock installation

Product structure



Finish layer: Hard-wearing PU coating;
Wear layer: 0.55 mm virgin PVC with embossing;
Decor layer: Printed decorative film;
Core layer: Solid, rigid and very high density waterproof polymer;
Backing layer: 1 mm insulating soft agglomerated cork.

TECHNICAL DATA

	Classification	EN 10874	Domestic 23 Residential areas with high traffic
			Commercial 34 Public areas with high traffic
	Length and width	EN ISO 24342	1220 x 181 mm $\pm$ 0.10% 610 x 305 mm $\pm$ 0.10%
	Overall thickness	EN ISO 24346	5 mm $\pm$ 0.20 mm
	Wear layer thickness	EN ISO 24340	0.55 mm
	Squareness Straightness	EN ISO 24342	< 0.2 mm < 0.2 mm

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	Flatness of the panel Length - Concave / Convex Width - Concave / Convex	EN 16511	$\leq 0.1 \% / \leq 0.5 \%$ $\leq 0.1 \% / \leq 0.2 \%$
	Openings between panels Average / Individual values	EN 16511	$\leq 0.10 \text{ mm} / \leq 0.15 \text{ mm}$
	Height difference between panels Average / Individual values	EN 16511	$\leq 0.1 \text{ mm} / \leq 0.15 \text{ mm}$
	Mass per unit area Density	EN ISO 23997 EN ISO 23996	7700 g/m ² 1500 Kg/m ³
	Dimension stability and curling after exposure to heat	EN ISO 23999	Dimension stability $\leq 0.15 \%$ Curling = 0.0 mm
	Residual indentation	EN ISO 24343-1	$\leq 0.10 \text{ mm}$ (typical / tested value 0.00)
	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	$> 3 \text{ kN} / \text{m} / > 3.5 \text{ kN} / \text{m}$
	Thickness swelling	EN ISO 24336	$< 0.8\%$
	Abrasion resistance	EN 15468 EN 13329	$> 7000 \text{ revolutions}$ $> 4000 \text{ revolutions}$
	Impact resistance (big ball)	EN 13329	$> 1800 \text{ mm}$
	Microscratch resistance	EN 16094	MSR-A2 (10% < Gloss change < 30%) MSR-B1 (No visible scratches)
	Impact sound reduction	EN ISO 10140-3	$\Delta L_w = 17 \text{ dB}$
	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 Quantitation

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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
Thermal conductivity

EN 12667

0.03 m².K/W
0.16 W/m.K

GENERAL DATA

Packing

SOLIDTrend 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.
1220x181x5mm: 12 planks/pack; 2.65 m² per pack; 52 packs per pallet; 137.8 m² per pallet.
610x305x5 mm: 14 tiles/pack; 2.60m² per pack; 60 packs per pallet; 156 m² per pallet.
Weight per pack: 20 Kg.

Underfloor heating

Suitable for 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 25 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. SOLIDTrend product fulfils the VOCs requirements according to the GreenGuard Gold criteria, AgBB-Scheme and Category A+ classification according to French VOC regulation.

Warning notice

SOLIDTrend 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.