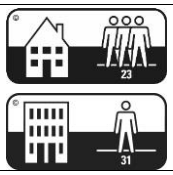
NATURTrend SMART
MULTILAYER CORK FLOORING
TECHNICAL SPECIFICATION

GENERAL DEFINITION AND PRODUCT COMPOSITION	
Definition	9.5 mm thickness multi-layer floating floor with a high-density decorative cork toplayer, a HDF core, and improved sound reduction cork backing, in accordance with EN 16511.
Dimensions	910 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	 Finish layer: Hard-wearing WEARTOP® matt varnish. Top layer: 2 mm thickness high-density veneered cork. Core layer: HDFCORE High-density fibreboard 6.5 mm, with very low formaldehyde content (E05), 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. Edges: Square edges.
Installation	Glue-less locking system, installed floating according to installation instructions.

TECHNICAL DATA			
Classification		EN 16511	Domestic 23 | Residential areas with heavy use Commercial 31 | Public and Commercial areas with low or intermittent use
Length and width		EN ISO 24342	910 x 300 mm ± 0.10%
Overall thickness		EN ISO 24346	9.5 mm ± 0.2 mm
Mass per unit area		EN ISO 23997	7300 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 % < 0.15 % / < 0.2 %

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TECHNICAL DATA			
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	< 0.25 %
Thickness Swelling		ISO 24336	< 16%
Locking strength Long / Short		EN ISO 24334	> 2 kN/m / > 3.5 kN/m
Residual indentation		EN ISO 24343-1	< 0.25 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	> 5000 cycles
Impact resistance (big ball)		EN 13329	> 1600 mm
Microscratch resistance		EN 16094	MSR-A1
Thermal resistance		EN 12667	0.084 m^2.K/W
Impact noise reduction		EN ISO 10140-3	ΔL_w = 17 dB
Light fastness		EN ISO 105-B02	5 (blue scale)
Slip resistance		EN 13893	Technical class DS dynamic coefficient of friction μ > 0.30
Reaction to fire		EN 13501-1	Class C_{fl}-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	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. 8 planks 910 x 300 mm per pack = 2.184 m^2 per pack 56 packs per pallet = 122.3 m^2 per pallet. Weight per pack: approx. 16 Kg.
Underfloor heating	Suitable for underfloor heating. The recommended maximum surface temperature is 28ºC. 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 10 years (Residential) or 5 years (Commercial), under normal residential or commercial use and with proper maintenance. *Note: The specific warranty terms and conditions must be observed. For warranty conditions, see www.granorte.com.*
Environment	This flooring is made with 100% recyclable materials. Contains no PVC, orthophthalates, softeners or other substances hazardous to health or environment. NATURTrend product fulfils the VOCs requirements according to the GreenGuard Gold criteria, AgBB-Scheme and Category A+ classification according to French VOC regulation.
Warning notice	Store in a place that is protected from moisture, heat and direct sunlight. Always install a vapour barrier 0.2 mm thick polyethylene sheeting under floating floors. When the heating is on and high, gaps may appear due to extreme dryness of ambient air. Cork, as any natural material, will fade when exposed to sunlight. In rooms with large windows, shading should be used.

WEARTOP high performance coating · HDF CORE high-density fibreboard · G-FIX click installation system · JOINT SHIELD edge sealing technology · AGGLOPURE no added formaldehyde · NOPHTHALATE 100% orthophthalates free

residential warranty 10 years · commercial warranty 5 years · PROTECTED CleanCork GRANORTE HELPS PREVENT BACTERIA GROWTH POWERED BY MICROBAN · FSC www.fsc.org FSC® C044061 We hold FSC certification · UL GREENGUARD GOLD · ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C) · gBB Ausschuss zur gesundheitlichen Bewertung von Bauprodukten · CE EN 14041:2008

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.

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