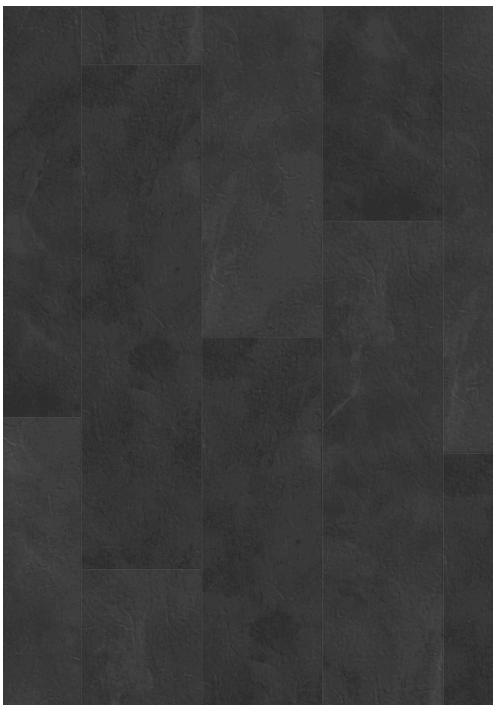
Technical data sheet

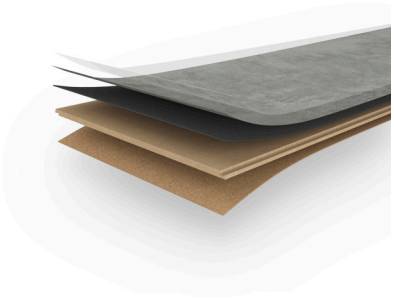
HDF VINYL

macht den Boden.

ELEGANTO Slate Natur



Wear layer:
vinyl 0.55 mm
2nd layer:
LVT film decor
3rd layer:
multi-layer support vinyl
Core layer:
high density fibre board
Counter act:
cork impact sound insulation



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General information

Article number	100006601
EAN code	9003364119570
Customs tariff number	44187500
Collection	ELEGANTO
Brief description	Prefinished flooring panels with a substrate made form HDF-boards; counter draw (impact sound insulation) made from 1.2 mm cork; heterogenous poly (vinyl chloride) top layer with different wear layer thicknesses
Type of installation	floating installation or full spread gluing
Range of application	Suitable for living spaces with a regular room climate with 40 to 60 % relative air humidity and between 16 and 24 ° C. Not suitable for damp locations and wet locations.
Subsurface	In accordance with the standards, a dry, well prepared, stable subfloor with an evenness within the tolerances of DIN 18202, table 3, line 4 is required (for further Information, see "TI 110

	Information Inspection Requirements en.pdf"). The floorboards to be installed and the substrate must be sufficiently acclimatized, the inspection obligations of the subfloor must be fulfilled in accordance with DIN 18365 “Flooring works” or DIN 18356 "Laying of parquet flooring and wood block flooring” and ÖN B2236/B5236 or, depending on the country, the corresponding standards and requirements; the applicability of the subfloors needs to be determined, separation and expansion joints on site must be taken over, the distance between the edge of the room and the floor must be approximately 10 mm, the rules of the subject and the installation instruction must be observed.	
Cleaning and care instructions	Only use care and cleaning agents recommended by the manufacturer; maintenance cleaning depending on use and degreee of contamination; clean while damp and in accordance with the care instructions enclosed with the product; avoid standing moisture and water	
Dimensions	ISO 24342	1,210 x 288 mm
Total thickness	ISO 24346	10 mm
Grading	stone design	
Laying pattern	1-strip	
Wear layer	0.55 mm	
Bevelled edge	bevelled (4V)	
Surface structure	wave	
Construction	5-layer	
Coating	Twist PLUS varnished	
Core layer	high density fibre board	approx. 6.8 mm
Counter act	cork impact sound insulation	approx. 1.20 mm
Locking system	tiloFIX	
Edge profiling	Cross and length profiling with tiloFix Angle/Angle system	

Technical data

Class of use EN ISO 10874	33	
Residual indentation	≤ 0,1 mm	EN ISO 24343-1

Resistance to castor chair	suitable with softrolls (w) - no delamination, minor surface changes are possible	EN 425
Reaction to fire	Bfl-s1	EN ISO 9239-1, EN ISO 11925-2
Emission of formaldehyde	E1	EN 717-1
Emission of pentachlorophenol	≤ 5 x 10 -6n	CEN/TR 14823
Impact sound reduction	16 dB	EN ISO 717-2
Thermal resistance	0,09 m²*K/W	EN 12664
Slip resistance	DS	EN 13893
Gluing	dispersion glue without formaldehyde emission	
Assessment of static electrical propensity	not antistatic	EN 1815
Determination of dimensional variations after changes in climate conditions	≤ 0,25 %	EN ISO 20326
Determination of staining and resistance to chemicals	domestic chemicals 0 = no change	ISO 26987
Colour fastness	≥ 6	ISO 105-B02
Slip resistance	R9	DIN 51130
Window areas	Please note that in rooms with large windows in particular, changes in colour caused by UV light cannot be ruled out completely and are therefore product-specific. Shading may be necessary.	

Content of delivery

Boards per package	6 pc
Packages per pallet	48 packs
Area per package	2.091 m2
Area per pallet	100.37 m2
Weight per package	20.82 kg

Weight per pallet	999.36 kg

Further information

Environmental compatibility	declaration of performance (DoP) and CE marking; declaration of harmlessness; REACH declaration; Émissions dans l'air intèrieur A; TÜV PROFiCERT-product Interior PREMIUM certificate Reg.no. 70 720 5623-2
Underfloor heating	Prefinished floor panels are suitable for low temperature / warm water radiant heating systems. Prior to the installation the subfloor must be heated up in accordance with the standards (for further information, especially for installation over electric underfloor heating systems, see "TI_025_Richtlinien_Verlegung_auf_Fussbodenheizung_en.pdf"). The maximum temperature of the surface must not exceed 29 °C, even at the edges of the room and under carpets and furniture. The heating should be equipped with flow temperature regulation. Electric floor heating systems are only suitable with surface temperature control (gentle heating characteristic). During the heating period, excessive flow temperature or a low relative humidity can cause gaps between the floorboards.
Floating installation	Prefinished floor panels are installed floatingly on the subfloor. It is necessary to place a 0,2 mm PE-foil beneath the flooring boards, the foil acts as a moisture barrier and enables the floating of the panels; not additional foam or underlayment material is required due to the cork on the backside of the panels that acts as sound insulation; additional improvement measures of the impact sound insulation are hardly possible and therefore not useful.
Adhesive recommendation	Apply tilo Elastic EC 1 PLUS Hybrid-Adhesive for parquet floors, prefinished floor panels and rigid boards using the notched trowel recommended in the application instructions.
Tools required	installation wedges, tapping block, pull bar (we recommend the tilo installation set), hammer, bracket, hand or electric saw (jigsaw, circular saw or chop saw)
tilo quality guarantee	15 years
Warning notice	Store in a place that is protected from moisture, heat and direct sunlight

BODEN AUS ÖSTERREICH

This information is provided with the intention of offering you advice based on the best of our knowledge, on the basis of our trials, experiences, tests carried out, applicable standards and the rules of the trade. Should you require any additional information, our technical and commercial advisors will be happy to assist you. Always consult our advisors for advice before starting any large-scale projects. We assume no liability for any errors and reserve the right to carry out technical modifications.

Please visit www.tilo.com for further information and updates.

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