



macht den Boden.

VINYL FLOORS

GRANDO SPA Oak Kalahari

Wear layer:
Vinyl 0,55 mm

2nd layer:
LVT film decor

Core layer:
Rigid Board

Counter act:
iXPE



General information

Article number	100054401
EAN code	9003364122365
Customs tariff number	39181090
Collection	GRANDO SPA
Brief description	Rigid product according to EN 16511 with a solid polymer core (SPC), an adhesive-free interlocking system and 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, and moist rooms with temporary damp conditions up to 80 % relative humidity and occasional water splashes. Not suitable for wet locations such as shower cells or similar (permanently damp, permanently wet, standing wetness). It is particularly important to take into consideration the suitability of the

	subfloor for moist rooms. Anhydrite is conditionally suitable, wood materials are unsuitable.	
Subsurface	<p>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").</p> <p>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. 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 subfloor needs to be determined; it's particularly important to take into consideration the suitability of the subfloor for moist rooms (the suitability of anhydrite is limited, wood materials are unsuitable). Separation and expansion joints on site must be taken over, the distance between the edge of the room and the floor must be approximately 5 mm, that must subsequently be sealed using a permanently elastic material; the rules of the subject and the installation instruction must be observed.</p>	
Cleaning and care instructions	Only use care and cleaning agents recommended by the manufacturer; maintenance cleaning depending on use and degree of contamination; clean while damp and in accordance with the care instructions enclosed with the product; avoid standing moisture and water	
Dimensions	EN 17539	1,830 x 225 mm
Dimensions	EN 17539	5.5 mm
Grading	wood design	
Laying pattern	1-strip	
Wear layer	0,55 mm	
Bevelled edge	bevelled (4V)	
Surface structure	soft-synchron	
Construction	4-layer	
Coating	Twist PLUS varnished	
Core layer	Rigid Board	3,95 mm
Counter act	iXPE	approx. 1,00 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
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 ⁻⁶ n	CEN/TR 14823
Thermal resistance	≤ 0,05 m ² *K/W	EN 12667
Slip resistance	DS	EN 13893
Assessment of static electrical propensity	not antistatic	EN 1815
Dimensional stability	≤ 0,15 %	ISO 23999
Colour fastness	≥ 6	ISO 105-B02
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	5 stk
Packages per pallet	48 packs
Area per package	2.059 m ²
Area per pallet	98.82 m ²
Weight per package	18.84 kg
Weight per pallet	904.32 kg

Further information

Environmental sustainability	<p>declaration of performance (DoP) and CE marking; declaration of harmlessness; REACH Declaration; French regulation "Arrêté étiquetage, Décret n° 2011-321 du 23 mars 2011" (A+); TÜV PROFiCERT-product Interior PREMIUM certificate Reg.no. 70 720 5623-3</p>
Underfloor heating	<p>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.</p>
Floating installation	<p>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.</p>
Use in damp locations	<p>In damp locations, full spread gluing is required. Comply with our installation guidelines "tilo tiloFIX-SPA-glued" in this case.</p>
Full spread gluing	<p>In order to smooth out any unevenness and maintain an evenly absorbent subsurface, smooth out pronounced roughness or remove sinter layers or sandy layers, the subsurface should be sanded and vacuumed or, if necessary, built up to a suitable thickness with the appropriate pre-coats and fillers. Please observe the instructions of the products required and of the relevant building material suppliers.</p>
Adhesive recommendation	<p>Apply tilo Elastic EC1 PLUS adhesive for SPC Vinyl and Dryback Vinyl using the notched trowel recommended in the application instructions.</p>
Tools required	<p>installation wedges, tapping block, pull bar (we recommend the tilo installation set, order number 5000027), hammer, bracket, hand or electric saw (jigsaw, circular saw or chop saw).</p>
Warning notice	<p>Store in a place that is protected from moisture, heat and direct sunlight</p>

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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