



macht den Boden.

# VINYL FLOORS

## ROBUSTO PRO+ Oak Kalahari

**Wear layer:**  
Vinyl 0,55 mm

**2nd layer:**  
LVT film decor

**3rd layer:**  
multi-layer support vinyl



## General information

Article number	100056401
EAN code	9003364122600
Customs tariff number	39181090
Collection	ROBUSTO PRO+
Brief description	ISO 10582-compliant, heterogeneous Design-Vinyl floor covering for direct bonding to floor subsurfaces
Type of installation	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. The product needs to be

	glued down to the subfloor e. g. screed. Old floor coverings and underlay materials of any kind need to be removed.	
<b>Subsurface</b>	<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>	
<b>Cleaning and care instructions</b>	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	
<b>Dimensions</b>	ISO 24342	1,219.2 x 228.6 mm
<b>Total thickness</b>	ISO 24346	2.5 mm
<b>Grading</b>	wood design	
<b>Laying pattern</b>	1-strip	
<b>Wear layer</b>	0,55 mm	
<b>Bevelled edge</b>	bevelled (4V)	
<b>Surface structure</b>	soft-synchron	
<b>Construction</b>	3-layer	
<b>Coating</b>	Twist PLUS varnished	

## Technical data

<b>Class of use EN ISO 10874</b>	42
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<b>Residual indentation</b>	≤ 0,1 mm	EN ISO 24343-1
<b>Resistance to castor chair</b>	suitable with softrolls (w) - no delamination, minor surface changes are possible	ISO 4918
<b>Reaction to fire</b>	Bfl-s1	EN 13501-1
<b>Emission of formaldehyde</b>	E1	EN 717-1
<b>Emission of pentachlorophenol</b>	≤ 5 x 10 <sup>-6</sup> n	CEN/TR 14823
<b>Thermal resistance</b>	0,02 m <sup>2</sup> *K/W	EN ISO 6946
<b>Slip resistance</b>	DS	EN 13893
<b>Assessment of static electrical propensity</b>	not antistatic	EN 1815
<b>Dimensional stability after exposure to heat</b>	≤ 0,25 %	ISO 23999
<b>Resistance to chemicals</b>	0 = very good	ISO 26987
<b>Colour fastness</b>	≥ 6	ISO 105-B02
<b>Slip resistance</b>	R10	EN 16165
<b>Window areas</b>	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

<b>Boards per package</b>	12 stk
<b>Packages per pallet</b>	68 packs
<b>Area per package</b>	3.348 m <sup>2</sup>
<b>Area per pallet</b>	227.66 m <sup>2</sup>
<b>Weight per package</b>	14.38 kg
<b>Weight per pallet</b>	977.57 kg

# Further information

<b>Environmental sustainability</b>	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
<b>Underfloor heating</b>	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.
<b>Full spread gluing</b>	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 precoats and fillers. Please observe the instructions of the products required and of the relevant building material suppliers.
<b>Adhesive recommendation</b>	Apply tilo Elastic EC1 PLUS adhesive for SPC Vinyl and Dryback Vinyl using the notched trowel recommended in the application instructions.
<b>Tools required</b>	Strong carpet cutter, tape measure, try square, handheld pressure roller, pressure roller for floor coverings from approx. 50 kg; tilo EC1 PLUS adhesive for SPC Vinyl and Dryback Vinyl
<b>Warning notice</b>	Store in a place that is protected from moisture, heat and direct sunlight

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](http://www.tilo.com) for further information and updates.

Version : 1.00.082023

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