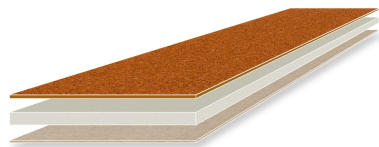


SENSO



macht den Boden.



Astra Natur



General information

Article number	100008501
Brief description	Engineered flooring (flooring panels) in conformity with EN 14085 with cork overlay and cork backing in conformity with EN 12104, with glueless connection profile for floating installation
Type of installation	floating installation
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 degree of contamination; clean while damp and in accordance with the care instructions enclosed with the product; avoid standing moisture and water	
Dimensions	ISO 24342	912,00 x 296,00
Total thickness	ISO 24346	10,00
Top layer	cork	
Laying pattern	1-strip	
Wear layer	ca. 2,5 mm	Agglomerated cork in accordance with EN 12104 in a variety of colours, designs and types (single layer solid wood or veneered)
Bevelled edge	unbevelled	
Surface	sanded	
Construction	3-ply	
Finish	Twist PLUS varnished	
Core layer	6,8 mm	high density fibre board
Locking system	tiloFIX	
Edge profiling	Cross and length profiling with tiloFix-Angle/Angle system;	

Technical data

Classification/class of use	NKL 23	EN 14085
Resistance to castor chair	Yes, polycarbonate mats recommended Yes, polycarbonate mats recommended	EN 425
Reaction to fire	Efl - s1	EN 14342 Table 1
Formaldehyde	E1	EN 717-1
PCP (=pentachlor phenol)	free	CEN/TR 14823
Impact sound reduction	17 dB	EN ISO 717-2
Thermal resistance	0,100 (m ² K)/W	EN 12664
Slip resistance	DS	
Gluing	white glue (PVAc) D3 without formaldehyde emission	

Differential swell and shrink dimensions	Width and length: 0,03 % per 1 % change in wood moisture
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Content of delivery

Boards per package	7,00 pc
Packages per pallet	52 packs
Area per package	1,8900 m ²
Area per pallet	98,28 m ²
Weight per package	15,050 kg
Weight per pallet	782,6 kg

Further information

Environmental compatibility	recyclable; tested for harmful substances; declaration of performance (DoP) and CE marking; declaration of harmlessness; DiBt approval in accordance with AgBB test scheme - approval no.: Z-156.607-931; IBR award certificate under the AgBB scheme; TÜV PROFiCERT-product Interior PREMIUM certificate Reg.no. 70 720 5623-4; Émissions dans l'air intérieur A+;
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).</p> <p>During the heating period, excessive flow temperature or a low relative humidity can cause gaps between the floorboards.</p>
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.

Tools required	installation wedges, tapping block, pull bar (we recommend the tilo installation set, order number Z1043), hammer, bracket, hand or electric saw (jigsaw, circular saw or chop saw).
Guarantee	15 years tilo quality guarantee
Warning notice	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 for further information and updates.

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