

Suber Cork Purity

Engineered Cork



Floor: ECKK 402 Matt

16 Colours / 1 Finish / 1 Size

Suber Cork Purity, produced using natural cork, is a climate-positive engineered flooring range with a carbon-negative footprint. It offers a 100% water-resistant material, a rigid core for reinforced dimensional stability, and a superior wear-resistant finish, making it suitable for all project types.



Floor: ECKK 501 Matt



Floor: ECCK 601 Matt



Floor: ECCK 103 Matt

Sizes



ECCK 202



ECCK 101



ECCK 602



ECCK 502



ECCK 601



ECCK 301



ECCK 501



ECCK 102



ECCK 401



ECCK 603



ECCK 604



ECCK 402



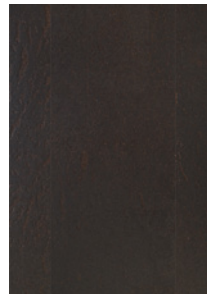
ECCK 403



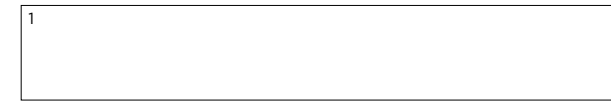
ECCK 605



ECCK 103



ECCK 203



	Size (mm)	Thickness	Finish	Colour Availability
1	195 x 1225	7	Matt	All colours

Swatch colours may vary from original. Samples should be requested.

Specification

Format:	Plank
Treatment:	HRT
Edge Detail:	4-way bevel
Durability:	Class 23 Class 33
Application:	Internal use only. Suitable with underfloor heating
Installation:	B - ENC.LOC Recommended for a floated or bonded installation

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Technical Data

GENERAL PROPERTIES — EN 16511

Technical Characteristics	Industry Standard	Requirement	Performance
Thickness, t	ISO 24337	$\Delta t_{avg} \leq 0.50\text{mm}$, relative to nominal value / $t_{max} - t_{min} \leq 0.50\text{mm}$	Complies
Length, l	ISO 24337	$\leq 1500\text{mm}$: $\Delta l \leq 0.5\text{mm}$ / $> 1500\text{mm}$: $\Delta l \leq 0.3\text{mm/m}$	Complies
Width, w	ISO 24337	$\Delta w_{avg} \leq 0.10\text{mm}$, relative to nominal value / $w_{max} - w_{min} \leq 0.20\text{mm}$	Complies
Squareness, q	ISO 24337	$\max \leq 0.20\text{mm}$	Complies
Straightness, s	ISO 24337	$\max \leq 0.30\text{mm/m}$	Complies
Openings, o	ISO 24337	$\max \leq 0.20\text{mm}$	Complies
Height difference, h	ISO 24337	$h_{max} \leq 0.15\text{mm}$	Complies
Flatness of the panel (length: concave/convex)	ISO 24337	concave $\leq 0.50\%$ / convex $\leq 1.0\%$	Complies
Flatness of the panel (width: concave/convex)	ISO 24337	concave $\leq 0.15\%$ / convex $\leq 0.20\%$	Complies

NB: Compatible with underfloor heating systems, subject to K21 installation advice available on request.

All test results are based upon current test data provided by the manufacturer and are provided in good faith. Domus Group Limited cannot be held responsible for any variation in the test data due to changes in manufacture or material characteristics. Errors & omissions excepted. Please refer to Domus Group Limited Terms & Conditions of Sale, 15 April 2024 1:52 pm



Technical Data

Engineered Cork

CLASSIFICATION & SAFETY PROPERTIES

Technical Characteristics	Industry Standard	Requirement	Performance
Wear resistance	EN 15468, procedure B	≥ 5000 cycles	Complies
Impact resistance	EN 13329:2006 +A1:2008, Annex F	≥ 1600 mm	Complies
Castor chair resistance	EN 425	25000 cycles	Complies
Resistance to staining	EN 438-2	Groups 1 & 2: Grade 5 Group 3: Grade 4	Complies
Residual indentation	EN ISO 24343-1	$\leq 0.2\text{mm}$	Complies
Swelling	ISO 24336	$\leq 18\%$	Complies
Dimensional stability	EN ISO 23999	$\leq 0.25\%$	Complies
Effect of furniture leg	EN 424	-	No visible damage
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Bfl-s1
Slip classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable
Impact sound reduction	EN ISO 10140	dB (ΔL_w)	18
Walking noise	IHD-W431	dB %	Reduction improvement 12.3 dB Difference of loudness 57%
Thermal conductivity	EN 12667	W/(mK)	0.111
Thermal resistance	EN 12667 / ISO 1957	(m ² K)/W	0.05

Grade 5: No change / Grade 4: Slight change / Grade 3: Moderate change / Grade 2: Considerable change / Grade 1: Strong change

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Technical Data

Technical Characteristics	Industry Standard	Requirement	Performance
Mass per unit	-	Kgs/m ²	7.4
Packaging (box/pallet)	-	m ²	1.911 / 84.084
Level of use (domestic)	ISO 10874	Class	23
Level of use (commercial)	ISO 10874	Class	33

ASTM STANDARDS

Technical Characteristics	Industry Standard	Requirement	Performance
Airborne sound transmission loss	ASTM E90/ASTM E413	STC (dB)	60 (*)
Impact sound transmission	ASTM E492/ ASTM E989	IIC(dB)	65 (*)
Impact sound transmission	ASTM E2179	ΔIIC	-
Smoke density	ASTM 662	KW/m ²	-
Radiant panel (critical radiant flux)	ASTM E648	(W/cm ²)	-
Thermal resistance	ASTM C177	R-value (m ² K)/W	0.0539
Thermal conductivity	ASTM C177	λ-value W/(m.K)	0.127
Residual indentation	ASTM F1914	%	0.9
Static load limit	ASTM F970	in or mm	0.100
Ignition characteristics of finished textile floor covering systems	ASTM D2859	-	-

(*) tested with underlay



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