

Suber Wood Purity

Engineered Cork



Floor: ECWS 105 Matt

13 Colours / 1 Finish / 1 Size

Suber Wood 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: ECWS 114 Matt



Floor: ECWS 112 Matt



Floor: ECWS 139 Matt



ECWS 141



ECWS 114



ECWS 115



ECWS 143



ECWS 121



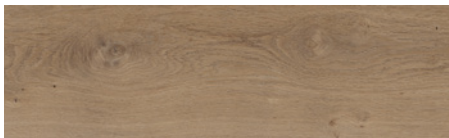
ECWS 148



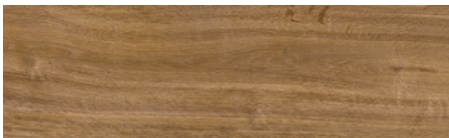
ECWS 147



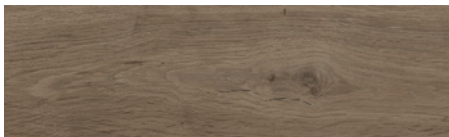
ECWS 142



ECWS 112



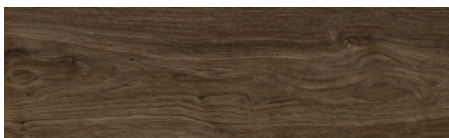
ECWS 104



ECWS 113



ECWS 139



ECWS 105

Sizes

1

	Size (mm)	Thickness	Finish	Colour Availability
1	195 x 1225	8.5	Matt	All colours

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

Specification

Format:	Plank
Treatment:	HRT
Edge Detail:	4-way micro-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

Suber Wood Purity

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, 5 November 2024 1:07 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	Cfl-s1
Slip classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Content pentachlorophenol (PCP)	EN 14041 Annex B	mg/kg	Undetectable
Impact sound reduction	EN ISO 10140	dB (ΔL_w)	18
Walking noise	EN 16205:2020	dB	Reduction improvement -15
Thermal resistance (thermal conductivity)	EN 12667 / ISO 1957	(m^2K)/W	$R \leq 0.150$

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



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service@domusgroup.com | t: 020 8481 9500 | domusgroup.com

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Technical Data

Technical Characteristics	Industry Standard	Requirement	Performance
Mass per unit	-	Kgs/m²	8.6
Packaging (box/pallet)	-	m²	1.911 / 84.084
Level of use (domestic)	ISO 10874	Class	23
Level of use (commercial)	ISO 10874	Class	33



Floor: ECWS 113 Matt



Floor: ECWS 104 Matt

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