

Cork Styles

Technical Data Sheet · Natural Fibre Core Cork Flooring · 10.5mm

1	PROTECTIVE SURFACE	
2	GENUINE CORK VENEER	
3	AGGLOMERATED CORK	2.6 mm
4	NATURAL FIBRE CORE	
5	INTEGRATED CORK UNDERLAY	0.8 mm

PRODUCT SPECIFICATIONS			
Dimensions (L × W × T)	905 × 295 × 10.5 mm	Mass per unit area	7.68 kg/m²
Packaging — box	2.136 m²	Packaging — pallet	111.072 m²
Domestic use class	ISO 10874 — Class 23	Commercial use class	ISO 10874 — Class 33

Test / Property	Standard	Requirement	Result
GENERAL PROPERTIES — EN 12104 / EN 20326			
Thickness, t	EN ISO 24346	± 0.25 mm	Complies
Length, l	EN ISO 24342	+/- 0.5 %	Complies
Width, w	EN ISO 24342	+/- 0.10 %	Complies
Squareness, q	EN ISO 24342	< 0.2 mm	Complies
Straightness, s	EN ISO 24342	≤ 0.30 mm/m	Complies
Openings, o	ISO 24337	max ≤ 0.20 mm	Complies
Height difference, h	ISO 24337	h max ≤ 0.15 mm	Complies
Flatness — Length (concave/convex)	ISO 24337	concave ≤ 0.50 % convex ≤ 1.0 %	Complies
Flatness — Width (concave/convex)	ISO 24337	concave ≤ 0.15 % convex ≤ 0.20 %	Complies
Dimensional stability	ISO 20326 (Annex C)	≤ 0.15 %	Complies
CLASSIFICATION PROPERTIES — EN 12104 / EN 20326			
Wear resistance	IP EN 14354 (Annex D)	≥ 2 500 cycles	Complies
Castor chair resistance	ISO 4918	25 000 cycles	Complies
Simulated movement of furniture leg	EN ISO 16581	No damage visible after test — foot type 2	Complies
Locking strength (long / short side)	ISO 24334	Long side > 1.0 kN/m Short side ≤ 2.0 kN/m	Complies
Swelling	ISO 24336	≤ 15 %	Complies
SAFETY PROPERTIES — EN 14041			
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1	Class Cfl-s1 (EN 13501-1)	Complies
Slip classification	EN 13893	Class DS	Complies
Formaldehyde emission	EN 717-1	Class E1	Complies
Pentachlorophenol (PCP) content	EN 14041 Annex B	Undetectable (mg/kg)	Complies
ADDITIONAL PROPERTIES			
Impact sound reduction	EN ISO 10140	16 dB (ΔLw)	Complies
Walking noise	IHD-W431	13.2 dB 51.6 %	Complies
Thermal resistance (conductivity)	EN ISO 10456	R ≤ 0.150 W/m·K	Complies
Thermal resistance	EN 12667 / ISO 1957	m²·K/W	TBD

Test / Property	Standard	Requirement	Result
Airborne sound transmission loss	ASTM E90 / ASTM E413	STC 86 dB	Complies
Impact sound transmission (IIC)	ASTM E492 / ASTM E989	IIC 69 dB	Complies
Impact sound transmission (Δ IIC)	ASTM E2179	Δ IIC 21	Complies
Thermal resistance (R-value)	ASTM C177	ft ² ·hr·°F/Btu	TBD
Thermal conductivity (λ -value)	ASTM C177	Btu/hr·ft·°F	TBD

NOTE: Grade 5 — No change | Grade 4 — Slight change | Grade 3 — Moderate change | Grade 2 — Considerable change | Grade 1 — Strong change