

Classic Cork Collection

Technical Data Sheet · PVC-Free Cork Rigid Core Flooring · 7mm

1	PROTECTIVE SURFACE	
2	NATURAL CORK VENEER	0.3 mm
3	CORK INLAY	1.1 mm
4	PVC-FREE CORK RIGID CORE	4.8 mm
5	INTEGRATED CORK UNDERLAY	1.0 mm

PRODUCT SPECIFICATIONS			
Dimensions (L × W × T)	1225 × 195 × 7 mm	Mass per unit area	8.6 kg/m² 1.8 kg/plank
Packaging — box	1.91 m² 20.57 ft²	Packaging — pallet	84.08 m² 905.07 ft²
Domestic use class	ISO 10874 — Class 23	Commercial use class	ISO 10874 — Class 33

Test / Property	Standard	Requirement	Result
GENERAL PROPERTIES — EN 16511			
Thickness, t	ISO 24337	Δt avg ≤ 0.50 mm tmax – tmin ≤ 0.80 mm	Complies
Length, l	ISO 24337	Δl ≤ 0.5 mm	Complies
Width, w	ISO 24337	Δw avg ≤ 0.10 mm wmax – wmin ≤ 0.20 mm	Complies
Squareness, q	ISO 24337	max ≤ 0.20 mm	Complies
Straightness, s	ISO 24337	max ≤ 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 (x, y) & curling (z)	EN ISO 23999	≤ 0.15 % ≤ 2 mm	Complies
CLASSIFICATION PROPERTIES — EN 16511			
Wear resistance	IP EN 15468 — proc. B	≥ 5 000 cycles	Complies
Impact resistance (large ball)	EN 13329:2006+A1: 2008 Annex F	≥ 1 600 mm	Complies
Micro-scratch resistance	EN 16094 — proc. A	≤ MSR-A2	Complies
Castor chair resistance	EN ISO 4918	25 000 cycles	Complies
Effect of furniture leg	EN 424	No visible damage	Complies
Residual indentation	EN ISO 24343-1	≤ 0.2 mm	Complies
Resistance to staining	EN 438-2	Groups 1 & 2: Grade 5 Group 3: Grade 4	Complies
Thickness swelling	ISO 24336	≤ 18 %	Complies
Locking strength (long / short side)	ISO 24334	≥ 1.0 kN/m ≥ 1.5 kN/m	Complies
SAFETY PROPERTIES — EN 14041			
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1	Class Bfl-S1 (EN 13501-1)	Complies
Slip classification	EN 13893	Class DS	Complies
Formaldehyde emission	EN 717-1	Class E1	Complies
Pentachlorophenol (PCP) content	EN 12673	Undetectable	Complies
Electrostatic behaviour	DIN EN 1815	kV	TBD
Electrical resistance	DIN EN 1081	Ω	TBD

Test / Property	Standard	Requirement	Result
ADDITIONAL PROPERTIES			
Impact sound reduction	EN ISO 10140	14 dB (ΔL_w)	Complies
Walking noise	EN 16205	66 Sone	Complies
Thermal conductivity	EN 12667	W/m·K	TBD
Thermal resistance	EN 12667 / ISO 1957	m ² ·K/W	TBD
Water resistance	ISO 4760	Qualitative swell ≤ 3 Quantitative ≤ 0.3 mm	Complies
Mechanical joints — water leakage	ISO 4760:2022 Annex D	No leak after 24 h exposure	Complies
Thickness swelling (EN 317)	EN 317	< 1 %	Complies
Airborne sound transmission	ASTM E90 / E413	STC (dB)	TBD
Impact sound transmission (IIC)	ASTM E492 / E989	IIC (dB)	TBD
Impact sound transmission (DIIC)	ASTM E2179	DIIC 18	Complies
Smoke density	ASTM 662	kW/m ²	TBD
Critical radiant flux	ASTM E648-19A	W/cm ²	TBD
Thermal resistance (R-value)	ASTM C177	ft ² ·hr·°F/Btu	TBD
Thermal conductivity (λ -value)	ASTM C177	Btu/hr·ft·°F	TBD
Residual indentation	ASTM F1914	avg ≤ 0.080 in	Complies
Static load resistance	ASTM F970	< 0.005 in @ 250 lb/in ²	Complies
Cobb Ring Test	ASTM D5795	lb	TBD
Surface swell (T-Seam)	NALFA Assembled Joint Surface Swell Test	Equivalent to ISO 4760	Complies
Anti-microbial	ASTM E2180	Bacteria resistance > 99 %	TBD
Anti-fungal	ASTM G21	Fungi resistance rating = 0	TBD

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