

Homogeneous Cork Tiles ENDURA AR+™

Technical Specifications

Description:	Natural Cork® Homogeneous Tiles	
Warranty:	15 Year Commercial Class 34	
Installation:	Glue-down	
Composition:	Homogenous quercus suber – cork –Acrodur® binder	
Size:	12"x12" finished 12"x12" unfinished	
	Additional sizes available	
Thickness:	4.8mm or 8.0mm	
	Other custom sizes available upon request	
Finishes	ENDURA AR+ UV –cured nano-ceramic impregnated urethane commercial finish	
	Unfinished sanded	
Factory applied adhesive:	Pre-buttered tiles with a latex base adhesive for superior adhesion and efficient installation	
No added Formaldehyde	Acrodur®	No urea formaldehyde added / GreenGuard
Density:	EN672	>500 kg/m ³
Disintegration:		Does not disintegrate in water after boiling for one hour
Mass per unit	EN4302	300g/m ²
Dimensional Tolerance:	EN434/EN669	0.86%/.80%
Gloss	Gardner	10° ± 3
Flammability	NF	Class M3
	EN13501-1	Class Dfls1
Surface flammability	ASTM D2859	Pass
Specific optical density	ASTM E 662-03	Flaming: 145.8 Non-Flaming 287.43
Slip Classification	EN14041	Class DS
Sliding Coefficient	EN13893	0.57
	EN DIN 51131	0.47
Slippery safeness	Dresden parameters-Safe	
	DN51130 Class	R-10
Static Coefficient	ASTM C1028-89	Wet- 0.69 Dry- 0.65
Impact Sound	IS 140-8	16db
NRC Noise Reduction Class	ASTM C423-90a	0.10db
STC Sound Transmission Class	ASTM E413-87	53db
IIC Impact Insulation Class	ASTM E492-04	56db
Surface Noise Radiation	ANSI S12.32-1990	87.5db
Thermal Resistance	DIN 52612	0.0642 m ² K/W 50°F
	ASTM C518-04	0.29r
Heat Dissipation	DIN 52614	W1: 27/ W10: 123 KJ/m ²
Abrasion Resistance	EN 14354	8800 cycles
	ASTM D3884	7300 cycles weight loss 0.189g
Chair Castor Test	EN 425	No change
Residual Indentation	EN433	-0.02mm
Scratch Resistance	EN438	1.60 Class N
Impact	EN438	Small Ball: 14 Big Ball: 1300
Static Electrical Propensity	EN1815	1900v
Chemical Resistance	ASTM F925-97	Rate 0
Effect of Stain	EN438, part 2	5 No visual change
Color Fastness	EN ISO105-B2	4.5
	EN ISO 20105-B02	≥ 6
Anti-allergenic	Cork- quercus suber is a bacteria and spore resistant product	
Insect Resistance	Cork- quercus suber is a natural insect repellent	
Ergonomic acclaim:	Warm and Soft Underfoot - Shock/Impact Absorption	
	Contributes to Productivity in the Workplace	
	Slip Resistance	
	Ease of Maintenance	
	Over 36 color selections – Customs available	
Sustainable acclaim:	Pre-Consumer / Post-Industrial cork product	
	Rapidly Renewable Resource	
	No Added Formaldehyde	