

**CORK COLORS™ vol.1**

**Endura AR+™**

Technical Specifications

Description:	Natural Cork® Cork Colors™ vol.1
Warranty:	10 Year heavy commercial Class 33
Installation:	Glue -down
Composition:	quercus suber – cork –Acrodur® binder containing no urea formaldehyde
Size:	12"x24" finished 12"x24" unfinished Additional sizes available
Thickness:	4.8mm Other custom sizes available upon request
Finishes	UV- cured, proprietary eco-based Endura AR+™ 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-low VOC
Density:	EN672 >500 kg/m3
Disintegration:	Does not disintegrate in water after boiling for one hour
Mass per unit	EN4302 300g/m <sup>2</sup>
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 m2K/W 50°F ASTM C518-04 0.29r
Heat Dissipation	DIN 52614 W1: 27/ W10: 123 KJ/m2
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
USGBC LEED	MR 4.1 Recycled Content: 10% [pre-consumer materials] MR6.0 Rapidly Renewable EQ 4.4 Low Emitting Materials: Composite Wood & Agrifiber Products
Certifications	ISO1401 & 9001 CARB 2012 Compliant
Ergonomic acclaim:	Warm and Soft Underfoot - Shock/Impact Absorption Contributes to Productivity in the Workplace Slip Resistance Ease of Maintenance
Sustainable acclaim:	Over 36 color selections – Customs available Pre-Consumer / Post-Industrial cork product Rapidly Renewable Resource No Added Formaldehyde