

Natural Cork® CORK COLORS™ vol.2

Technical Specifications

Description:	Natural Cork® Cork Colors™ vol.2
Warranty:	10 Year Commercial Class33
Installation:	Floating – patented glueless locking system
Sizes:	35" x 4 3/8
Thickness:	11mm
Composition:	Quercus suber cork 3 mm Exterior Grade HDF 5 mm Quercus suber cork 3mm
Finish:	proprietary eco-based ENDURA AR+™ commercial finish
Formaldehyde Ø	EØ HDF exterior grade fiberboard – Acrodur® no added formaldehyde
Joint/Seam Moisture Protection	Eased edge with Joint Shield™ phenol-oil protection
Anti-allergenic	Quercus suber antimicrobial Cork- quercus suber is a bacteria and spore resistant product
Insect Resistance	Cork- quercus suber is a natural insect
Density:	Cork 550 kg/m3 [wear layer] 34 lb/ft HDF 850 kg/m3 [core] 52 lb/ft Cork [foundation] 13lb/ft
Compression Recovery	Initial <10% Residual after 1 hr. 1.5%
ISO 3810 1987	Breaking Tension on traction >11 lb/in2
Flammability [ASTM E 648]	Classification CSTB = M3 Natural Cork® tile is a fire inhibitor, which neither spreads flame nor releases toxic gases or combustion Class I critical radiant flux ≥ 0.45 watts per square centimeter - Unfinished Class II critical radiant flux > 0.22 watts/cm ² ≤ 0.45 watts/cm ² - Finished
Smoke Density: [ASTM E 662]	Flaming 386 Non-flaming 217
Thermal Insulation: [ISO 8310]	0.06W/m0k
Thermal Resistance: [ASTM C 518]	Thermal Conductivity (k) 0.59 Thermal Resistance (r) 0.80
Dimensional Tolerance: Thickness	+/- 0.3mm +/- 1/64" [Length – Width] +/-0.2mm +/- 1/128"
Squaring:	≤0.2mm [≤ 1/128"]
Abrasion Resistance: [ASTM D 3884]	4000 revolutions on Taber Abrasion Loss in thickness -0.046 weight loss -14.7 468 revolutions on abrasion wheels H-18 with 500 grams load 500 wear cycles
Acoustical Rating:	[ASTM E413-87] over 8" concrete slab STC 58 IIC 68 [ASTM E989-89] with suspended ceiling STC 60 IIC 73
Ergonomic acclaim	Warm and Soft Underfoot Contributes to productivity in the workplace Slip resistance Ease of Maintenance Shock/Impact Absorption
Sustainable acclaim	Pre-Consumer / Post-Industrial cork product 100% Rapidly Renewable Resource 100% No Added Formaldehyde Glueless system encourages Re-Use