

Wall Tiles

Technical Specifications

Description:	Natural Cork® Wall Tiles
Installation:	Adhere to Clean Surface
Composition:	Homogenous 100% quercus suber - cork
Thickness:	3/16" [4.8mm] - 5/16" [7.9mm]
Size:	12"X12" finished 12"X12" unfinished [Homogeneous] 12"X24" finished 12"X24" unfinished [Veneer]
Composition:	Homogeneous and Veneer 100% quercus suber – cork
Thickness:	3/16" [4.8mm]
No Added Formaldehyde	Acrodur® CH2O Emissions ≤0.05ppm
Anti-allergenic	Cork- quercus suber is a bacteria and spore resistant product
Insect Resistance	Cork- quercus suber is a natural insect
Density:	550 kg/m3
Disintegration:	Does not disintegrate in water after boiling for one hour
Thermal Insulation: [ISO 8310]	0.06W/m0k
Flammability [ASTM E 648]	Classification CSTB = M3 Natural Cork® tile is a fire inhibitor, which neither spreads flame nor releases toxic gases or combustion .51 Unfinished
Smoke Density: [ASTM E 662]	Flaming 148 Non-flaming 272 Class 1
Compression Recovery [ISO 9727]	loading 38.5 lbs/in2 Initial 10% Residual after 1 hour: 1.5%
Dimensional Tolerance:	Breaking tension on traction ≤ 11 lb/in2 +/- 0.3mm +/- 1/64" [Length – Width] +/-0.2mm +/- 1/128" Thickness ≤0.2mm [≤ 1/128"] Squaring
Finishes:	UV- cured, proprietary eco-based commercial finish UV-cured matte finish Unfinished sanded
Factory applied adhesive:	Pre-buttered tiles with a latex base adhesive for superior adhesion and efficient installation
Abrasion Resistance: [ASTM D 3884]	1250 revolutions on Taber Abrasion Loss in thickness -0.046 weight loss -14.7 Abrasion wheels H-18 with 1000 grams load 350 wear cycles
Water Vapor Transmission: [ASTM E 96]	0.128 grains/h ft2 0.183 perms
Acoustical Rating: [ASTM E413-87] [ASTM E989-89]	over 8" concrete with suspended ceiling STC 58 IIC 73
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