

Corkshield™

Technical Specifications

Description:	Natural Cork® Corkshield™ underlayment
Installation:	Glue Down
Sizes:	39" x 370"
Thickness:	4.8mm
Composition:	Homogenous 100% quercus suber cork Composition of cork granules Size 1 - 3
Anti-allergenic	Cork- quercus suber is a bacteria and spore resistant product
Insect Resistance	Cork- quercus suber is a natural insect
Anti-microbial	Microban® inhibits mold and bacteria in binder - standard
Backing:	Aluminum Foil moisture barrier
Density:	190 kg/m ³ - 210 kg/m ³ [11.7lb/ft ³ – 12.5 lb/ft ³]
Disintegration:	Does not disintegrate in water after boiling for one hour
Water Vapor Permeation	.23 perms ASTM E 96
Tensile Strength:	5-8kg/cm ²
Thermal Insulation:	0.06W/m ⁰ k [ISO 8310] 0.158 r [ASTM C 177]
Fire Rating	Class A
Flammability	[ASTM E 84] flame spread index 30 Smoke developed index 15 infrared emissivity 0.16 [ASTM E 408]
Compression Recovery	Initial: 95% [ISO 9727]
Dimensional Tolerance:	+/- 0.5mm [Length – Width] +/-0.2mm [thickness]
Acoustical Rating:	ceramic wood STC 57 STC 57 [ASTM E413-87] IIC 54 IIC 54 [ASTM E989-89]
Ergonomic acclaim	Healthier Choice – Anti-microbial Forever Resilient Warm and Soft Underfoot Acoustical values Contributes to Productivity in the Workplace Shock/Impact Absorption
Sustainable acclaim	Pre-Consumer / Post-Industrial cork product 100% Rapidly Renewable Resource 100% Formaldehyde-free