

Underlayment 500

Technical Specifications

Description:	Natural Cork® Underlayment 500		
Installation:	Glue Down		
Sizes:	36" x 24" Sheets		
Thickness:	12.8mm		
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		
Density:	190 kg/m3 - 210 kg/m3 [11.8lb/ft3 – 13.6 lb/ft3]		
Flexibility	Passes		
<small>[ASTM F 5]</small>			
Disintegration:	Does not disintegrate in water after boiling for one hour		
Water Vapor Permeation	.23 perms		
<small>ASTM E 96</small>			
Tensile Strength:	5-8kg/cm2		
Thermal Insulation:	0.084W/mok		
<small>[ISO 8310]</small>			
<small>[ASTM C 177]</small>	0.1.7 r		
Fire Rating	Class A		
<small>[ASTM E 84]</small>	flame spread index 30		
	Smoke developed index 15		
<small>[ASTM E 408]</small>	infrared emissivity 0.16		
Compression Recovery	Initial: 95%		
<small>[ISO 9727]</small>			
Dimensional Tolerance:	+/- 0.5mm	<small>[Length – Width]</small>	
	+/-0.2mm	<small>[thickness]</small>	
Robinson Floor Tile Test	Passed		
<small>[ASTM C627]</small>			
Acoustical Rating:		ceramic	wood
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<small>[ASTM E413-87]</small>	6" concrete	50 56	53 58
<small>[ASTM E989-89]</small>			
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		