

## Underlayment 250

## Technical Specifications

<b>Description:</b>	Natural Cork® Underlayment 250		
<b>Installation:</b>	Glue Down		
<b>Sizes:</b>	48" x 600"		
	36" x 24" Sheets		
<b>Thickness:</b>	6.4mm		
<b>Composition:</b>	Homogenous 100% quercus suber cork Composition of cork granules Size 1 - 3		
<b>Anti-allergenic</b>	Cork- quercus suber is a bacteria and spore resistant product		
<b>Insect Resistance</b>	Cork- quercus suber is a natural insect		
<b>Anti-microbial</b>	Microban® inhibits mold and bacteria in binder		
<b>Density:</b>	190 kg/m <sup>3</sup> - 210 kg/m <sup>3</sup> [11.7lb/ft <sup>3</sup> – 12.5 lb/ft <sup>3</sup> ]		
<b>Flexibility</b>			
[ASTM F 5]	Passes		
<b>Disintegration:</b>	Does not disintegrate in water after boiling for one hour		
<b>Water Vapor Permeation</b>	.23 perms		
ASTM E 96			
<b>Tensile Strength:</b>	5-8kg/cm <sup>2</sup>		
<b>Thermal Insulation:</b>			
[ISO 8310]	0.06W/m <sup>0</sup> k		
[ASTM C 177]	0.98 r		
<b>Fire Rating</b>	Class A		
[ASTM E 84]	flame spread index 30		
	Smoke developed index 15		
[ASTM E 408]	infrared emissivity 0.16		
<b>Compression Recovery</b>	Initial: 95%		
[ISO 9727]			
<b>Dimensional Tolerance:</b>	+/- 0.5mm	[Length – Width]	
	+/-0.2mm	[thickness]	
<b>Acoustical Rating:</b>		ceramic	wood
		IIC STC	IIC STC
[ASTM E413-87]	8" concrete	58 60	56 62
[ASTM E989-89]	6" concrete	53 58	54 59
	4" concrete	60 64	60 65
	Wood joint construction	54 59	54 60
<b>Ergonomic acclaim</b>	Healthier Choice – Anti-microbial		
	Forever Resilient		
	Warm and Soft Underfoot		
	Acoustical values		
	Contributes to Productivity in the Workplace		
	Shock/Impact Absorption		
<b>Sustainable acclaim</b>	Pre-Consumer / Post-Industrial cork product 100%		
	Rapidly Renewable Resource 100%		
	Formaldehyde-free		