

AcoustiCORK® Underlayments

Sustainable Solutions for Virtually All Flooring Surfaces

AcoustiCORK Underlayments Product Selector Guide

AcoustiCORK Underlayments are designed to meet Building Code and Condominium Association requirements for sound control in floor/ceiling assemblies using hardwood, laminates, ceramic tile/natural stone, as well as vinyl and other resilient flooring products. In addition to reducing noise transmission in multi-family and commercial installations, many AcoustiCORK options offer thermal, crack suppression, in room step noise reduction and comfort under foot benefits. Use the chart below and the Sound Test information on the back page to find the AcoustiCORK product that is best suited for your application.

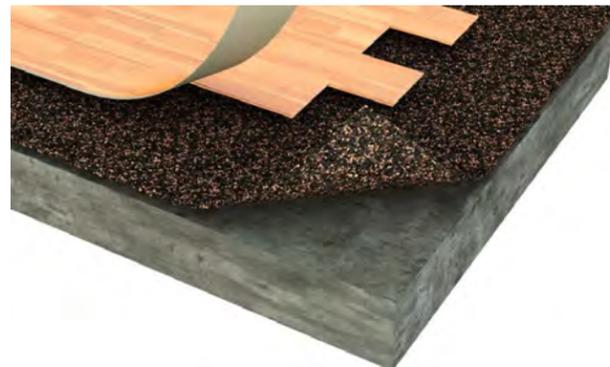
AcoustiCORK Products	Product Description	Thickness	Function				Install Guide & Substrate					Flooring Material: A = Adhered F = Floated N = Nailed											
			Sound Control Underlayment	Crack Suppression	Comfort Underlayment	Anti-Microbial Protection	Thermal Benefits	Adhered To Substrate (A)	Float Over Substrate (F)	Concrete	Gypsum/Lightweight Concrete	Plywood / OSB	Ceramic/Natural Stone	Engineered Wood	Solid Wood	Laminate	Cork	Bamboo	LVT/LVP	VCT	Sheet Vinyl; Felt-Backed	Sheet Vinyl; Glass-Backed	
R12 StressCORK	Cork Rubber Crack Suppression Underlayment	1.2mm		X				A		X	X		A										
PURC 200	Agglomerated Cork & Recycled PUR Foam Granual Composition	2.0mm	X				X		F	X	X	X						A*,F	A*			F	
CorkPLUS 250	Agglomerated Cork & Recycled EVA Foam Granual Composition	2.5mm	X	X			X	A	F	X	X	X	A					A,F*	A	A,F*	A,F*		
Quiet Comfort	Wave Textured Premium Floating Floor Underlayment	2.5mm	X		X	X	X		F	X	X	X		F	F	F	F						
Quiet ComfortPlus	Wave Textured Premium Underlayment w/ Integrated Vapor Barrier	2.5mm	X		X	X	X		F	X	X	X		F	F	F	F						
R25	Cork Underlayment	2.5mm	X		X		X		F	X	X	X				F	F	F					
RR300	High Performance Recycled Rubber	3.0mm	X		X	X	X		F	X	X	X		A,F*	F, N*	F	F	F					
RC500	High Performance Recycled Rubber & Cork Underlayment	5.0mm	X	X	X	X	X	A	F	X	X	X	A	A,F*	F, N*	F	F	F					
PR60	High Performance Profile Wave Textured Underlayment	6.0mm	X		X		X	A	F	X	X	X		A,F*	F, N*	F	F	F					
R60	Premium Cork Underlayment	6.0mm	X	X	X		X	A	F	X	X	X	A	A,F*	F, N*	F	F	A,F*					
CRC950	High Performance Composite Sheet Underlayment	9.5mm	X	X	X		X	A		X	X	X	A	A		F							
RC1000	High Performance Recycled Rubber & Cork Composition	10mm	X	X	X	X	X	A	F	X	X	X	A	A	F, N*	F		A					
S130	Premium Cork Underlayment	12.7mm	X	X	X		X	A		X	X		A	A	F, N*			A					

* Refer to installation recommendations per underlayment, finished flooring product and application

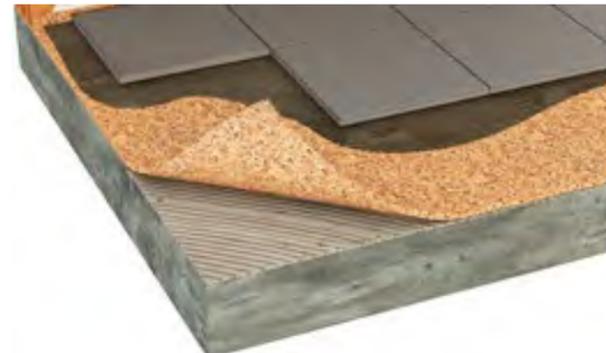
Glued Engineered Hardwood over 6mm R60



Floating LVT Plank over 2mm PURC 200



Direct Bonded Ceramic Tile over 6mm R60



Floating Laminate over 2.5mm Quiet ComfortPlus



For complete detailed installation instructions for the various types of flooring materials and attachment methods noted above, visit our web site at www.acousticorkusa.com

Laboratory Sound Test Results for AcoustiCORK Underlayment Floor/Ceiling Assemblies

Subfloor Type	AcoustiCORK Product / Thickness	Wallboard Ceiling	Floor Covering	Sound Ratings		Δ IIC Ratings ASTM E-2179
				IIC	STC	
Plywood w/Gypsum Concrete	R60 - 6mm	Yes	Ceramic Tile	57	60	N/A
Plywood w/Gypsum Concrete	R60 - 6mm	Yes	Parquet Wood	54	59	N/A
Plywood w/Gypsum Concrete	R60 - 6mm	Yes	Floating Laminate	53	60	N/A
Plywood w/Gypsum Concrete	R60 - 6mm	Yes	Floating Wood	57	60	N/A
Plywood w/1.5" Mortar Bed	R60 - 6mm	Yes	Ceramic Tile	50	61	N/A
Plywood w/ 1/2" CBU	R60 - 6mm	Yes	Ceramic Tile	50	64	N/A
OSB w/Gypsum Concrete	CorkPLUS 250 - 2.5mm	Yes	Glued Vinyl Plank	51	53	N/A
4" Concrete Slab	R60 - 6mm	Yes	Ceramic Tile	59	60	N/A
6" Concrete Slab	R60 - 6mm	Yes	Ceramic Tile	61	60	N/A
6" Concrete Slab	R60 - 6mm	Yes	Glued Wood	61	62	N/A
6" Concrete Slab	R60 - 6mm	Yes	Nailed Wood	61	61	N/A
6" Concrete Slab	R60 - 6mm	Yes	Floating Wood	63	60	N/A
6" Concrete Slab	R60 - 6mm	Yes	Ceramic Tile	60	60	N/A
6" Concrete Slab	R25 - 2.5mm	Yes	Floating Wood	62	59	N/A
6" Concrete Slab	R60 - 6mm	No	Floating Wood	50	52	22
8" Hollow Core Slab	S130 - 13mm	No	Ceramic Tile	50	56	22**
6" Concrete Slab	AC55 Plus - 12.5mm	No	Glued Wood	54	52	26
6" Concrete Slab	PR60 - 6mm Wave	No	Glued Wood	54	53	25
6" Concrete Slab	CRC950 - 9.5mm	No	Ceramic Tile	52	56	22**
6" Concrete Slab	Quiet Comfort - 2.5mm	Yes	Floating Laminate	69	67	N/A
6" Concrete Slab	RC500 - 5mm	No	Glued Wood	50	50	21
6" Concrete Slab	RC1000 - 10mm	No	Ceramic Tile	50	54	22
8" Concrete Slab	RR300 - 3.2mm	No	Floating Wood	55	54	23**
8" Concrete Slab	CorkPLUS 250 - 2.5mm	No	Glued Vinyl Plank	55	55	23**
8" Concrete Slab	PURC 200 - 2mm	No	Floating LVT Plank	54	53	22**

Tested in Accredited Laboratories as per ASTM E-90/E-413 (STC) and ASTM E-492 / E989 (IIC) see our website for details
 ** = Calculated Δ IIC rating for materials tested on concrete slabs, without ceiling assemblies of different thicknesses than allowed for, or prior to the existence of the ASTM E- 2179 standard

AcoustiCORK®

Sound Control and Comfort Underlayments for Hard Surface & Resilient Flooring Products



AcoustiCORK PRODUCTS
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