

Laboratory Sound Test Results for AcoustiCORK Underlayment Floor/Ceiling Assemblies

Subfloor Type	AcoustiCORK Product / Thickness	Wallboard Ceiling	Floor Covering	Sound Ratings		Δ IIC Ratings
				IIC	STC	ASTM E-2179
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

