

## Acousti-Mat® 3 Sound Ratings

Floor System	Underlayment	Insulation	Ceiling Suspended		Floor Coverings	Rating	Test Numbers
			on Channel	Ceiling Drywall			
<b>Acousti-Mat 3 over Open Beam</b>	1-1/2" (38 mm) Maxxon*	None	No	No	Vinyl	46 F-IIC	02 31573.3
	1-1/2" (38 mm) Maxxon*	None	No	No	Wood Floating Floor	52 F-IIC	02 31573.4
	1-1/2" (38 mm) Maxxon*	None	No	No	None	47 F-STC	02 31573.6
Bare Floor over Open Beam (control)	None	None	No	No	None	33 F-IIC	02 31573.5
						30 F-STC	02 31573.7
<b>Acousti-Mat 3 over 8" Cast-in-Place</b>							
<b>Concrete (203 mm)</b>	2" (51 mm) Maxxon*	None	No	No	None	65 F-IIC	03 56381.6
Bare Concrete, no Acousti-Mat (control)	None	None	No	No	None	36 F-IIC	03 56381.1
<b>Steel Joist 12" Deep (305 mm)</b>							
w/ 3/4" (19 mm) T&G plywood subfloor	1-1/2" (38 mm) Maxxon*	Yes	Yes	5/8" (16 mm)	Ceramic	57 F-IIC	04-22-1
	1-1/2" (38 mm) Maxxon*	Yes	Yes	5/8" (16 mm)	Vinyl	57 F-IIC	04-22-2
	1-1/2" (38 mm) Maxxon*	Yes	Yes	5/8" (16 mm)	Wood	58 F-IIC	04-22-3
<b>TJI Joist</b>							
w/ 3/4" (19 mm) T&G OSB Subfloor	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	Ceramic	58 F-IIC	48-06-03
	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	Ceramic	59 F-STC	48-06-04
<b>20" Open Web Truss</b>							
w/ 3/4" (19 mm) plywood subfloor	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	Ceramic Tile	63 F-IIC	R05200
	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	Carpet and Pad	89 F-IIC	
	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	Hardwood	59 F-IIC	
	1-1/2" (38 mm) Maxxon*	Yes	Yes	2 layers 5/8" (2 x 16 mm)	None	59 F-IIC	

\*Approved Maxxon Underlayment

F-IIC (Field Impact Insulation Class) sound tests were performed in accordance with ASTM E 1007 and E989. F-STC (Field Sound Transmission Class) sound tests were performed in accordance with ASTM E 336 and E 413. Actual tests are available upon request. Maxxon Underlayments and Acousti-Mat 3 are but two components of an effective sound control system. No sound control system is better than its weakest component. Care must be taken in the installation of components of construction to assure the ultimate designed acoustical performance.