

Acousti-Mat LP Sound Ratings

Floor System	Topping	Insulation	Ceiling Susp. on Chan.	Ceiling Drywall	Floor Covering	Rating	Test Number
6" Concrete (152 mm)	Thinset with Tile Thinset with Tile	No No	No No	No No	Quarry Tile Quarry Tile	STC 54 Delta IIC 19	NGC 5006017 NGC 7006023
8" Concrete (203 mm)	1/2" Maxxon 1/2" Maxxon	No No	Yes Yes	5/8" (16 mm) 5/8" (16 mm)	None Wood	57F-IIC 60F-IIC	0677973 0677973
Bare Concrete, No AM LP (control)	None	No	Yes	5/8" (16 mm)	None	42F-IIC, 62F-STC	0677973
8" Concrete (203 mm)	1/4" Level-Right WearTop	No	No	No	None	59F-IIC	72550
Bare Concrete, No AM LP (control)	None	No	No	No	None	37F-IIC	72550

Laboratory Sound Test: Delta IIC 19 per ASTM E 2179-03

F-IIC (Field Impact Insulation Class) sound tests were performed in accordance with ASTM E 1007 and E 989. F-STC (Field Sound Transmission Class) sound tests were performed in accordance with ASTM E 336 and E 413. Actual tests above, plus additional tests are available upon request. Acousti-Mat LP is but one component 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.