



Acoustical Testing Results Sterling Athletic Sound Rubber Tile

Test	Sterling Athletic Sound Rubber Tile 2 inch				Sterling Athletic Sound Rubber Tile 2.75 inch			
Sound Transmission Class (STC) ASTM E90 – Airborne Sound Transmission (over 6" concrete slab)	53				54			
Impact Insulation Class (IIC) ASTM E492 – Impact Sound Transmission (over 6" concrete slab)	57				56			
Impact Insulation Class (Δ IIC) ASTM E2179 – Effectiveness in Floor Coverings	28				27			
NON-STANDARD TEST Impact Noise Due to Weight Drop – From Room Below. To Date no ASTM Standard.	25 lb Weight		55 lb Weight		25 lb Weight		55 lb Weight	
	Drop Height		Drop Height		Drop Height		Drop Height	
	36"	60"	36"	60"	36"	60"	36"	60"
Bare 6" Concrete Slab (dB-A)	106	108	109	111	106	108	106	108
Tile Over 6" Concrete Slab (dB-A)	71.6	77.3	77.2	84.6	67.7	70.1	66.5	69.6
NOISE REDUCTION (dB)	34.4	30.8	31.6	26.6	38.4	38	39.6	38.4

NOTE: Weight drop test results shown are overall, peak A-weighted sound pressure level (fast response).

Tests performed by Riverbank Acoustical Laboratories, tests conducted in December, 2015

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