

TABLE 1. SUMMARY OF TEST RESULTS

No.	TEST ROOM (Source)	CONSTRUCTION ASSEMBLY	Transmitted dBA	Normalized FIC/ Lab IIC	Transmitted FIC
		CERAMIC TILE FLOORS			
1	Unit 301, Pantry	5/16" ceramic tile, 1/2" wonder board, Kinetics SR floor board, 8" concrete slab	55	67 / 59	60
2	Unit 301, Laundry Room	5/16" ceramic tile, 1" mortar bed, Enkasonic mat, 8" concrete slab	64	58 / 54	53
3	Unit 301, Bath 2	5/16" ceramic tile, Noble Seal S.I.S., 8" concrete slab	64	56 / 52 ²	49
4	Unit 301, Master Bath	3/8" marble, 1/2" mortar bed, 1/4" cork, 8" concrete slab	72	49	46
5	Unit 301, Morning Room	5/16" ceramic tile, 1" gyp crete with mesh, Acousti-mat, 8" concrete slab	67	44 / 55 ³	45
6	Unit 301, Kitchen	5/16" ceramic tile, 3/4" Laticrete, 1/4" pad, 8" concrete slab	72	42 / 52	43
7	Unit 201, Master Bath	3/8" marble, 1/2" Laticrete 18, 8" concrete slab	68	38 / 41 ⁴	43
8	Unit 301, Grand Salon, Foyer and Hall	5/8" limestone, 1/2" mortar bed, 3/4" Laticrete, 1/4" pad, 8" concrete slab	72	37 / 52	43
9	Unit 301, Master Bedroom Entry	5/8" limestone, 3/4" Laticrete, 1/4" pad, 8" concrete slab	70	35	41
10	Unit 202, Grand Salon	8" concrete slab	76	30 / 34 ⁵	34

²Ten IIC points were subtracted from the published test data to estimate the IIC without a suspended ceiling.

³Test was with 6" concrete slab and 1 1/2" thick gyp crete.

⁴Ten IIC points were subtracted from published literature to estimate the IIC without a suspended ceiling.

⁵Lab IIC is for a 6" concrete slab as opposed to field measured 8" post-tensioned concrete slab.