

Impact Noise Test Summary without ceiling

(Test conducted on 5 February 2004)

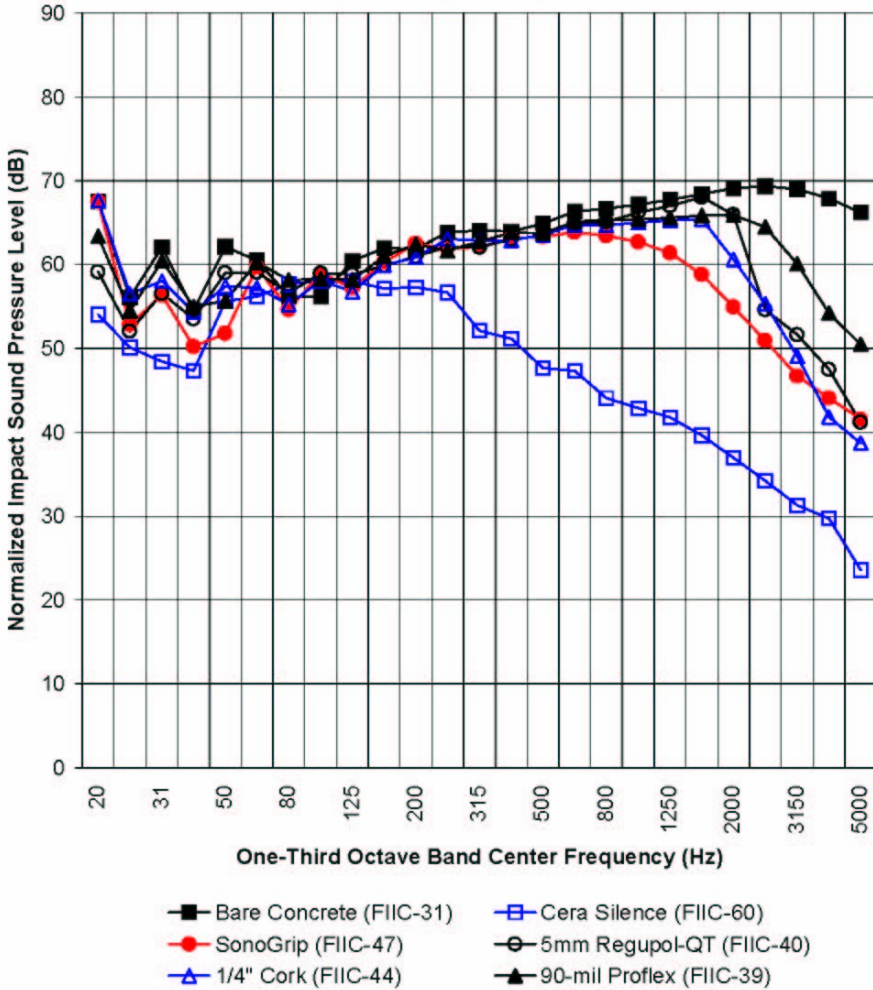
JGL Test No.	Floor Finish & Underlayment	FIIC Rating	dBA Rating
60-03-11	7 Bare concrete	31	80.4
60-03-12	Ceramic Tile on Cera Silence	60	59.3
60-03-13	Hardwood over Redupax	57	61.1
60-03-15	Hardwood on 90 mil Proflex	53	70.0
60-03-16	Hardwood on ¼-inch Cork	55	65.6
60-03-17	Ceramic Tile on 90-mil Proflex	39	77.3
60-03-18	Ceramic Tile on SonoGrip	47	73.7
60-03-19	Ceramic Tile on 5mm Regupol-QT	40	77.5
60-03-20	Ceramic Tile on ¼ Cork	44	76.0
60-03-21	Hardwood (direct glue to concrete)	42	76.4
60-03-22	Hardwood on SonoWood	48	73.4

Estimated Subjective Rankings without a ceiling below

For ceramic tile floor finishes without a ceiling below, the tests show the following rankings (arranged in order of decreasing FIIC-dBA).

Rank	Floor Finish & Underlayment	FIIC Rating	dBA Rating	FIIC-dBA
1	Ceramic Tile on Cera Silence	60	59.3	+0.7
2	Ceramic Tile on SonoGrip	47	73.7	-26.7
3	Ceramic Tile on ¼ Cork	44	76.0	-32.0
4	Ceramic Tile on 5mm Regupol-QT	40	77.5	-37.5
5	Ceramic Tile on 90-mil Proflex	39	77.3	-38.3

**First & Clay Condos
Impact Noise in Blakeley Garage Mockup
Ceramic Tile on various underlayments
(no ceiling below)**



Test conducted 2/5/04