

**Special Psuedo ASTM E 2179 w/ CEILING
Laboratory Measurement of the Effectiveness of Floor
Coverings in Reducing Impact Sound Transmission Through
Concrete Floors**

TEST No. TEST No. IFCp08-012

Test Date: Test Date: 04-Mar-08

RunKey: RunKey: IFCp_08_012_080304_A

Client: Client: Quiet Solutions

Designation: Designation: **QuietPad 420, Ceramic Tile Floor, Suspended Ceiling**

* adj for Background (-2)

Data Label	Lo	Lc	Ld =Lo-Lc	Lref	Lref,c =Lref-Ld	
Mark:						
Title1: : FCSp4 : Inpu						
Title2:						
Date	Based on RAL Historical Data IIC 'IN02-10					
Time						
Freq						
50	58.2	58.5	-0.4	----		OK
63	58.5	61.8	-3.3	----		OK
80	57.7	53.1	4.6	----		OK
100	56.8	53.6	3.2	61.0	57.8	OK
125	57.6	53.4	4.2	54.0	49.8	OK
160	54.8	57.3	-2.5	54.0	56.5	OK
200	54.5	57.8	-3.2	54.0	57.2	OK
250	55.9	58.5	-2.6	51.0	53.6	OK
315	54.6	61.3	-6.6	50.0	56.6	OK
400	52.9	56.9	-4.0	50.0	54.0	OK
500	51.6	48.4	3.2	48.0	44.8	OK
630	47.9	43.7	4.2	46.0	41.8	OK
800	49.8	38.8	11.0	46.0	35.0	OK
1000	47.3	32.5	14.8	43.0	28.2	OK
1250	46.7	27.3	19.4	45.0	25.6	OK
1600	48.0	25.1	22.9	45.0	22.1	OK
2000	50.1	22.8	27.4	47.0	19.6	OK
2500	55.4	23.3	32.0	51.0	19.0	OK
3150	54.5	22.2	32.3	48.0	15.7	OK
4000	50.5	15.6	34.9	----		OK
5000	40.7	11.9	28.8	----		*
6300	29.8	11.1	18.6	----		*
8000	22.0	11.2	10.8	----		*
10000	15.5	11.8	3.7	----		*

46

59

52

Delta IIC

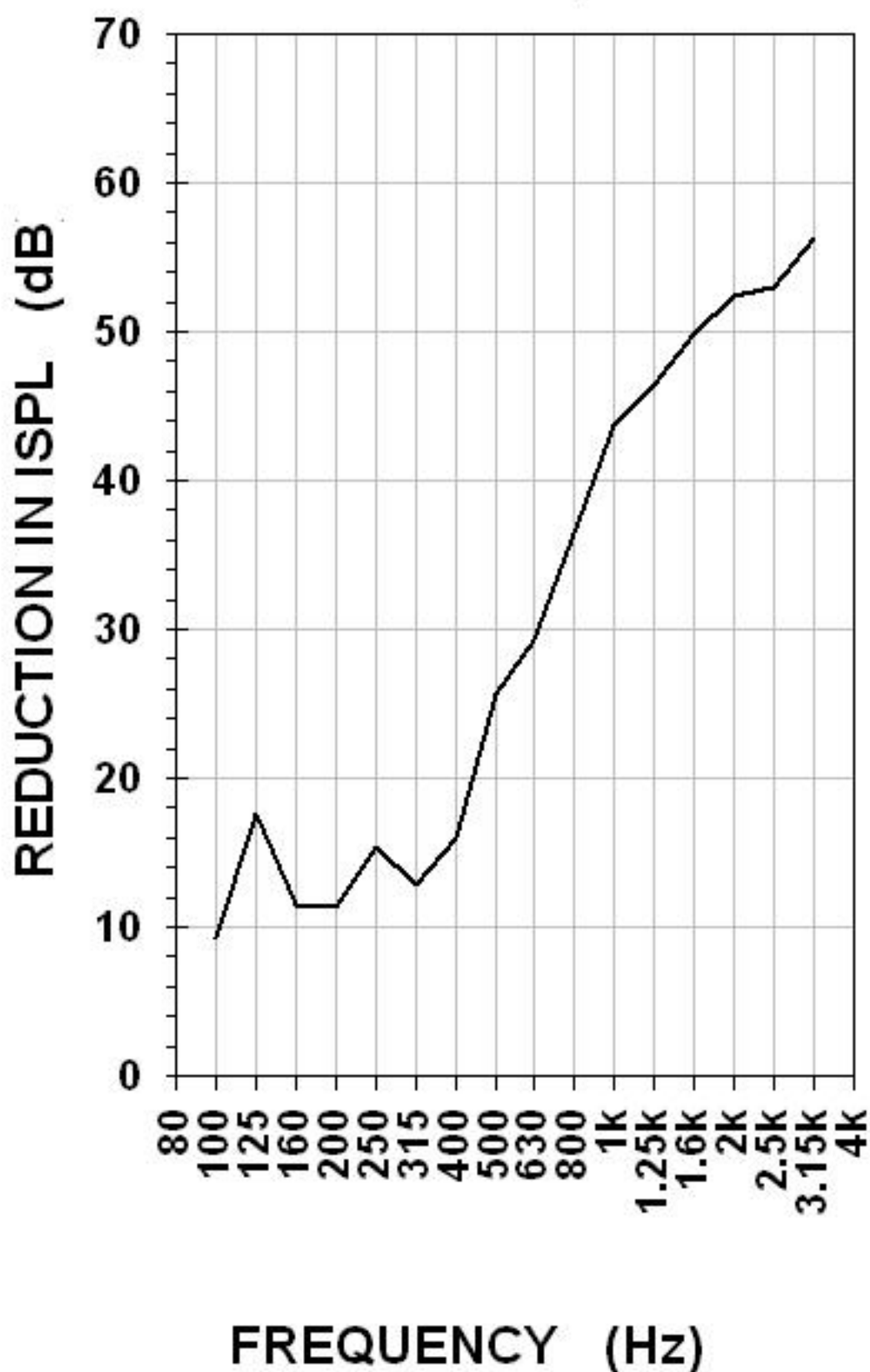
9

IIC_c

61

This single report page contains the instantaneous raw data as provided to the client after testing of the specimen. This data, although accurate, is incomplete without the full specimen description, testing details, environmental conditions and signature pages. The full report referenced by the RAL test number above should be consulted for further information regarding these results.

FLOOR COVERING IMPACT REDUCTION REPORT RAL-IFCp08-012



— IMPACT REDUCTION OF FLOOR COVERING
ON A CONCRETE FLOOR