

ASTM E 2179
Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through

TEST No. TEST No. IFC08-001

Test Date: Test Date: 13-Feb-08

RunKey: RunKey: IFC_08_001_080213_A

Client: Client: Quiet Solutions

Designation: Designation: QuietPad 420, Hardwood Floor, No Ceiling

Data Label Mark: Title1: : FCSp4 : Inpu Title2:	Lo	Lc	Ld =Lo-Lc	Lref	Lref,c =Lref-Ld	
	* adj for Background (-2)					
Date Time						
Freq						
50	65.3	56.3	9.0	----		OK
63	61.4	55.7	5.6	----		OK
80	61.0	56.4	4.6	----		OK
100	65.0	64.2	0.8	67.0	66.2	OK
125	66.4	65.5	0.9	67.5	66.6	OK
160	69.2	66.0	3.2	68.0	64.8	OK
200	68.9	65.6	3.3	68.5	65.2	OK
250	71.8	68.7	3.1	69.0	65.9	OK
315	72.0	70.1	1.9	69.5	67.6	OK
400	74.1	68.1	6.1	70.0	63.9	OK
500	74.5	63.7	10.7	70.5	59.8	OK
630	73.9	58.4	15.5	71.0	55.5	OK
800	76.5	55.7	20.8	71.5	50.7	OK
1000	76.2	48.9	27.3	72.0	44.7	OK
1250	77.0	43.8	33.2	72.0	38.8	OK
1600	77.6	39.3	38.3	72.0	33.7	OK
2000	76.6	34.8	41.8	72.0	30.2	OK
2500	75.5	29.1	46.4	72.0	25.6	*
3150	74.5	24.4	50.0	72.0	22.0	*
4000	71.3	20.2	51.1	----		*
5000	66.9	17.0	49.9	----		*
6300	60.8	14.2	46.7	----		*
8000	51.6	12.3	39.3	----		*
10000	36.2	10.1	26.1	----		*

26

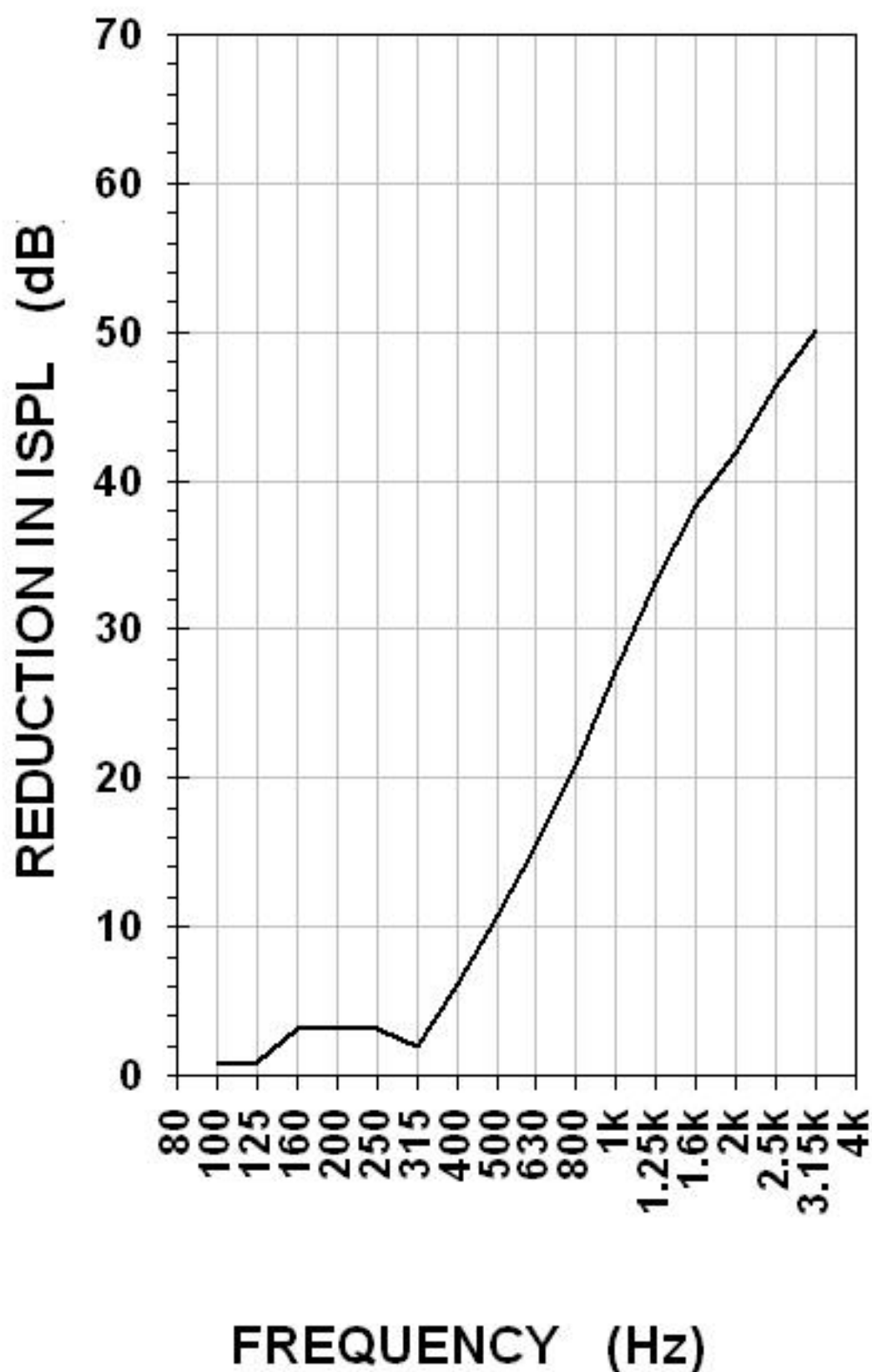
49

28

Delta IIC	22	IIC_c	50
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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-IFC08-001**



— IMPACT REDUCTION OF FLOOR COVERING
ON A CONCRETE FLOOR