

TEST REPORT FOR DURA UNDERCUSHIONS LTD.

Report No.: Q0034.06-113-11-R0

Date: 06/08/23

SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	5/24/2023				
DATA FILE NO.	Q0034.06				
CLIENT	Dura Undercushions Ltd.				
DESCRIPTION	5 mm Mohawk Hot & Heavy Luxury Vinyl Tile, 3 mm DURAQUIET Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Armstrong HD8906 Drywall Main Beam, 37.3 mm Armstrong XL8945P Cross Tee, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 15.9 mm National Gypsum Gold Bond® Fire-Shield® Type X Gypsum Panel				
SPECIMEN AREA	10.98 m ²	Maximum Temp.	20.4°C	Minimum Temp.	20.4°C
TECHNICIAN	CSK	Max. Humidity	64%	Min. Humidity	64%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% SAMPLING LIMIT	NUMBER OF DEFICIENCIES
80	33.6	14.2	49	1.4	-
100	24.6	9.9	52	1.0	6
125	21.8	9.2	48	1.0	2
160	19.8	9.1	50	0.5	4
200	18.5	8.9	49	0.7	3
250	15.9	10.7	51	0.4	5
315	17.7	10.2	52	0.7	6
400	18.7	8.2	48	0.6	3
500	16.3	7.9	45	0.4	1
630	17.9	7.8	45	0.3	2
800	16.2	7.7	42	0.3	0
1000	17.3	7.7	37	0.4	0
1250	18.0	7.9	29	0.5	0
1600	16.3	8.2	18	0.7	0
2000	17.4	9.0	16	0.8	0
2500	16.5	10.0	14	0.8	0
3150	14.0	10.4	11	1.1	0
4000	13.2	11.3	9	1.0	-
5000	10.1	12.9	9	0.6	-
6300	9.5	14.9	9	0.3	-
8000	9.5	12.5	8	0.3	-
10000	10.0	12.5	9	0.3	-
IIC Rating	66	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	32
LIIC Rating	65	<i>(Low-Frequency Impact Insulation Class)</i>			

Notes: Receive Room levels less than 5 dB above the Background levels are highlighted in yellow.

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SECTION 13

TEST RESULTS - IMPACT SOUND TRANSMISSION GRAPH



TEST DATE	5/24/2023				
DATA FILE NO.	Q0034.06				
CLIENT	Dura Undercushions Ltd.				
DESCRIPTION	5 mm Mohawk Hot & Heavy Luxury Vinyl Tile, 3 mm DURAQUIET Underlayment, 152.4 mm 5000 PSI Concrete Slab, 43 mm Armstrong HD8906 Drywall Main Beam, 37.3 mm Armstrong XL8945P Cross Tee, 88.9 mm Johns Manville Unfaced R-13 Fiberglass Insulation, 15.9 mm National Gypsum Gold Bond® Fire-Shield® Type X Gypsum Panel				
SPECIMEN AREA	10.98 m ²	Maximum Temp.	20.4°C	Minimum Temp.	20.4°C
TECHNICIAN	CSK	Max. Humidity	64%	Min. Humidity	64%

