

TEST REPORT FOR DURA UNDERCUSHIONS LTD.

Report No.: Q0034.04-113-11-R0

Date: 06/08/23

SECTION 12

TEST RESULTS - IMPACT SOUND TRANSMISSION



TEST DATE	5/23/2023				
DATA FILE NO.	Q0034.04				
CLIENT	Dura Undercushions Ltd.				
DESCRIPTION	12.58 mm Shaw ECO Beauty Carpet, 5 mm PROTECTOR 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.	20.7°C	Minimum Temp.	20.7°C
TECHNICIAN	CSK	Max. Humidity	56%	Min. Humidity	56%

FREQ (Hz)	BACKGROUND SPL (dB)	ABSORPTION m ²	NORMALIZED IMPACT SPL (dB)	95% SAMPLING LIMIT	NUMBER OF DEFICIENCIES
50	35.9	26.7	55	2.2	-
63	32.1	20.1	49	2.9	-
80	28.9	14.3	41	1.5	-
100	26.9	9.3	39	1.1	8
125	23.2	10.4	30	1.2	0
160	24.6	9.2	29	1.2	0
200	20.9	9.4	22	1.0	0
250	18.5	10.4	20	0.7	0
315	20.5	10.8	22	1.2	0
400	20.5	8.7	21	1.2	0
500	19.9	8.0	18	0.9	0
630	20.4	7.7	18	0.6	0
800	18.2	7.7	15	0.6	0
1000	20.0	7.8	15	0.5	0
1250	19.6	7.7	14	0.5	0
1600	15.9	8.2	11	0.7	0
2000	14.3	9.0	10	0.8	0
2500	14.6	10.1	10	1.1	0
3150	12.7	10.5	7	0.4	0
4000	11.5	11.7	7	0.3	-
5000	9.9	13.3	8	0.3	-
6300	9.5	15.4	9	0.2	-
8000	9.6	14.3	9	0.3	-
10000	10.0	14.3	10	0.3	-
IIC Rating	81	<i>(Impact Insulation Class)</i>		Sum of Deficiencies	8
LIIC Rating	78	<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	5/23/2023				
DATA FILE NO.	Q0034.04				
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