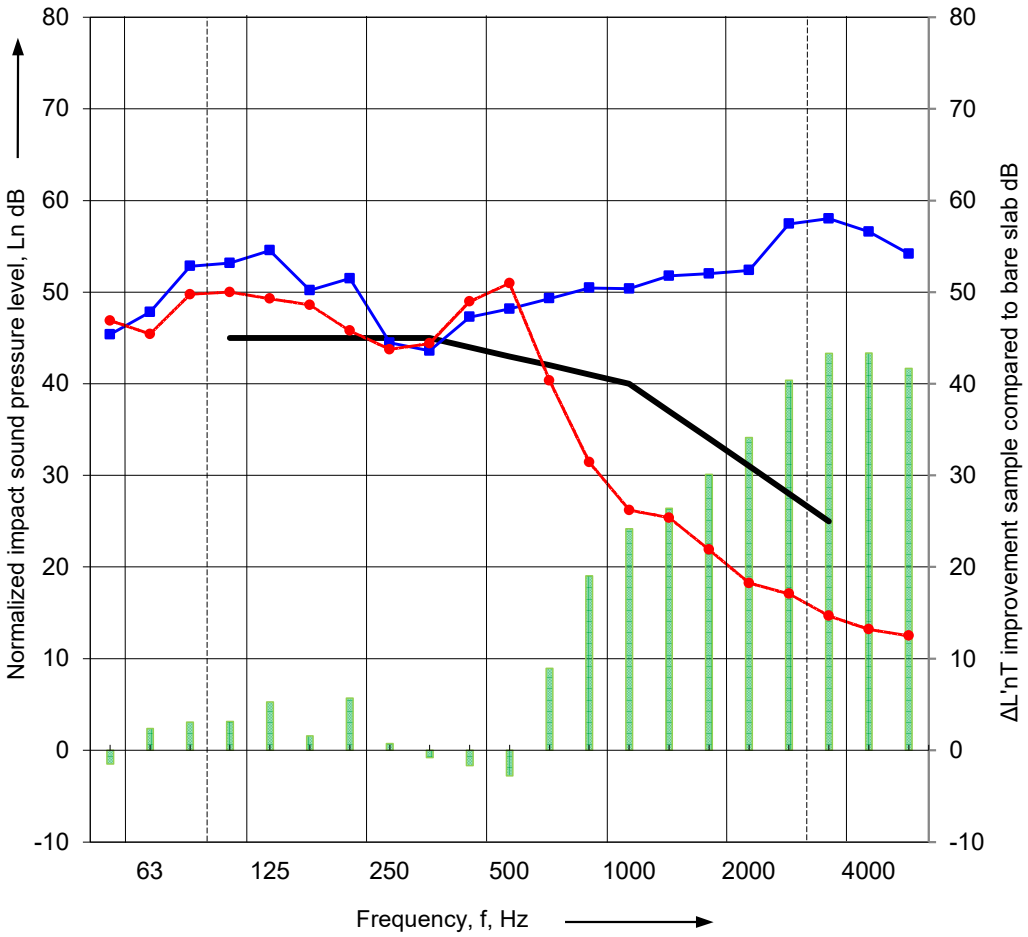
Standardized Impact Sound Pressure Levels according to ISO 140-7
Comparison of field measurements of Impact Sound Insulation of Floors

1: Sample plus substrate	Clever Choice Bamboo 14mm thick, 3mm Clever Choice Clever Sound underlay, 200mm concrete slab, 120mm cavity with no insulation, 13mm plasterboard ceiling
2: Substrate	200mm concrete slab, 120mm cavity with no insulation, 13mm plasterboard ceiling
3: ΔL'nT	ΔL'nT improvement due to Clever Choice Bamboo 14mm, 3mm Clever Choice Clever Sound underlay
L'nT,w 43 curve	-------- Frequency range according to the _____ curve of reference values (ISO 717-2)

Frequency f Hz	L'nT dB 1/3 octave 1	2	3
50	47	45	-1.5
63	45	48	2.4
80	50	53	3.1
100	50	53	3.2
125	49	55	5.3
160	49	50	1.6
200	46	52	5.7
250	44	44	0.7
315	44	44	-0.8
400	49	47	-1.7
500	51	48	-2.8
630	40	49	9.0
800	31	50	19.0
1000	26	50	24.2
1250	25	52	26.4
1600	22	52	30.1
2000	18	52	34.1
2500	17	57	40.4
3150	15	58	43.3
4000	13	57	43.4
5000	13	54	41.7
L'nT,w	43	61	n/a
Ci	0	-13	n/a
Ci(50-2500)	1	-12	n/a
ΔL'nT,w	n/a	n/a	18
AAAC Star	5	2	n/a
FIIC	60	35	n/a



Rating according to ISO 717-2

1: Sample plus substrate	L'nT,w (Ci ; Ci50-2500) =	43 (0 ; 1)	dB;
2: Substrate only	L'nT,w (Ci ; Ci50-2500) =	61 (-13 ; -12)	dB;

Testing Company:	Acoustic Works		
Project number:	2023038	Client:	Clever Choice Paxwood Pty Ltd
Location of test:	Level 25 (of 39) residential building Broadbeach	Sample area:	1m2
Date of test:	14 February 2023	Room dimensions:	9.7m(L) x 6.4m(W) x 2.6m(H)