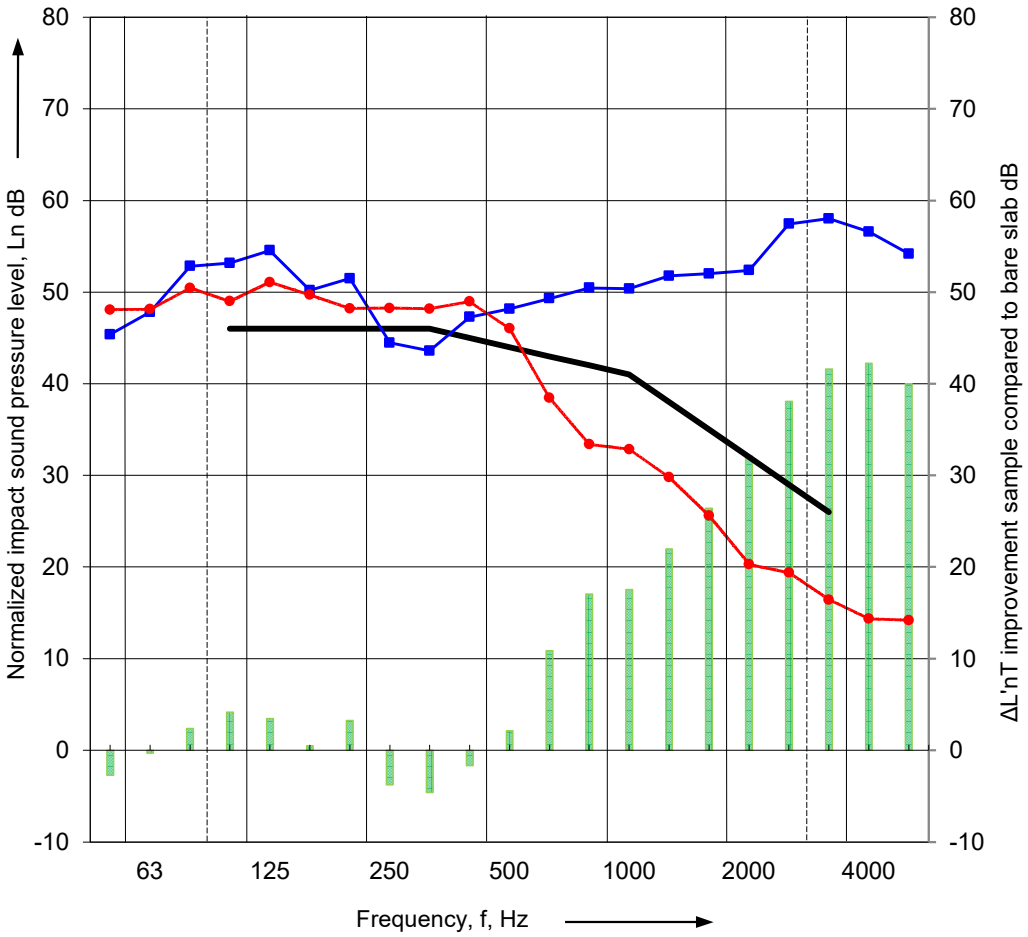
Standardized Impact Sound Pressure Levels according to ISO 140-7
Comparison of field measurements of Impact Sound Insulation of Floors

1: Sample plus substrate	Clever Choice Engineered Exotic Australian Timber 14mm thick, 5mm Clever Choice cork 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 Engineered Exotic Australian Timber 14mm, 5mm Clever Choice cork underlay
L'nT,w 44 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	48	45	-2.7
63	48	48	-0.3
80	50	53	2.4
100	49	53	4.2
125	51	55	3.5
160	50	50	0.5
200	48	52	3.3
250	48	44	-3.8
315	48	44	-4.6
400	49	47	-1.7
500	46	48	2.1
630	38	49	10.9
800	33	50	17.1
1000	33	50	17.5
1250	30	52	22.0
1600	26	52	26.4
2000	20	52	32.1
2500	19	57	38.1
3150	16	58	41.6
4000	14	57	42.2
5000	14	54	40.0
L'nT,w	44	61	n/a
Ci	-1	-13	n/a
Ci(50-2500)	0	-12	n/a
ΔL'nT,w	n/a	n/a	17
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) =	44 (-1 ; 0)	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)