

FIELD FLOOR IMPACT INSULATION TEST REPORT



QUIETWALK *Plus*

**27 point
dB reduction**

"CASA" SPC HYBRID FLOORING & QUIETWALK PLUS



Commissioned by:	Auslay Industries Pty Ltd (Darren Conroy)
Date:	20 March 2023
Project number:	5752
Version:	V.0
Author:	Javier Schneider Navas Jurado

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 1 of 6

Bare concrete slab

PROJECT: PN5752 U91-29 Apha St, Taringa
Test Location: Level 4 U91 Living Area to level 3 U85 Living Area
Client: Darren Conroy
Test Performed: Javier Navas

Meas. Date: 15-Mar-2023
Meas. Parameter: LLeq
Tapping Machine: Look Line EM50
Receiving Room Volume: 59 m³

DESCRIPTION OF FLOOR AND SPECIMEN

Test Surface: Bare concrete slab
Underlay:
Adhesive:
Ceiling: Concrete
Slab: Concrete

No. of Source posn: 2
Mic. posn: 2 sweeps
RT meas: 5 Imp.
SLM: B&K 2250

Weighted Standardized Impact SPL

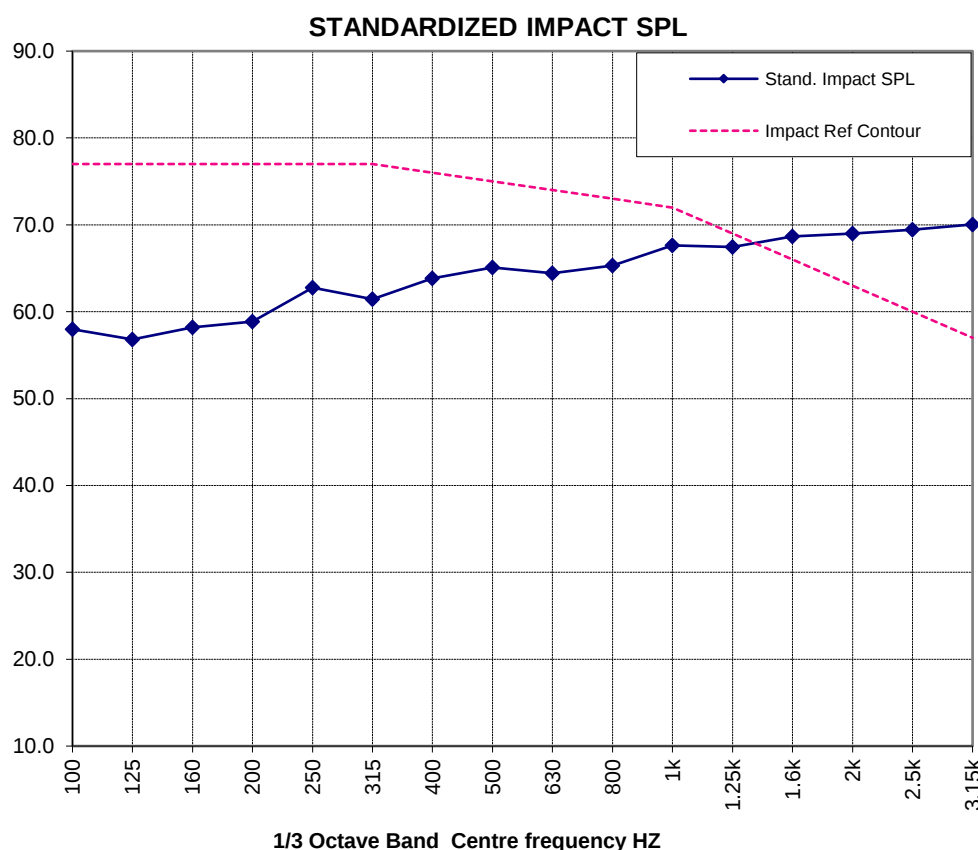
L'nT,w

75

ISO 16283-2:2015 & 717-2:2013

Centre Frequency	Stand. Impact SPL	Impact Ref Contour	Deficiencies
Hz	dB	dB	dB
100	58.0	77	
125	56.8	77	
160	58.2	77	
200	58.9	77	
250	62.8	77	
315	61.4	77	
400	63.8	76	
500	65.1	75	
630	64.4	74	
800	65.3	73	
1k	67.6	72	
1.25k	67.5	69	
1.6k	68.6	66	2.6
2k	69.0	63	6.0
2.5k	69.4	60	9.4
3.15k	70.0	57	13.0
Total			

Standardized Impact SPL, L'nT, dB



L'nT,w 75 31.1

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 2 of 6

Auslay SPC hybrid 4mm

Quietwalk Plus 3mm

PROJECT: PN5752 U91-29 Apha St, Taringa
Test Location: Level 4 U91 Living Area to level 3 U85 Living Area
Client: Darren Conroy
Test Performed: Javier Navas

Meas. Date: 15-Mar-2023
Meas. Parameter: LLeq
Tapping Machine: Look Line EM50
Receiving Room Volume: 59 m³

DESCRIPTION OF FLOOR AND SPECIMEN

Test Surface: Auslay SPC hybrid 4mm
Underlay: Quietwalk Plus 3mm
Adhesive:
Ceiling: Concrete
Slab: Concrete

No. of Source posn: 2
Mic. posn: 2 sweeps
RT meas: 5 Imp.
SLM: B&K 2250

Weighted Standardized Impact SPL

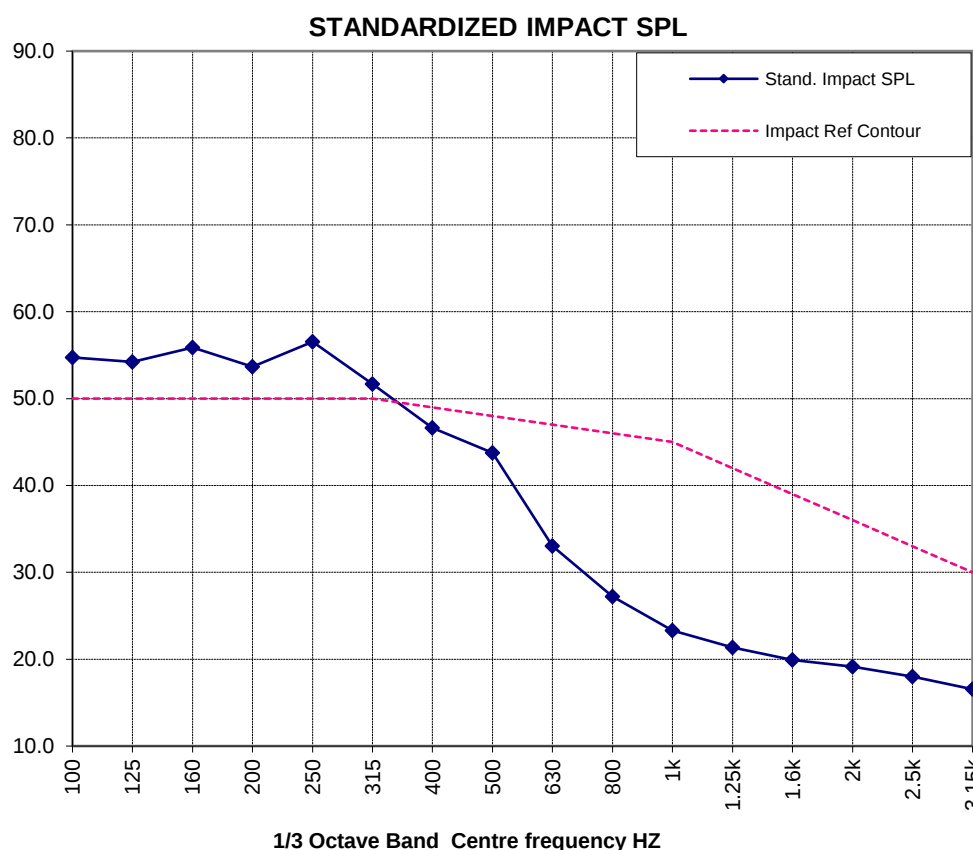
L'nT,w

48

ISO 16283-2:2015 & 717-2:2013

Centre Frequency	Stand. Impact SPL	Impact Ref Contour	Deficiencies
Hz	dB	dB	dB
100	54.7	50	4.7
125	54.2	50	4.2
160	55.9	50	5.9
200	53.7	50	3.7
250	56.5	50	6.5
315	51.7	50	1.7
400	46.6	49	
500	43.7	48	
630	33.0	47	
800	27.2	46	
1k	< 23.3	45	
1.25k	< 21.4	42	
1.6k	< 19.9	39	
2k	< 19.2	36	
2.5k	< 18.0	33	
3.15k	< 16.5	30	
Total			

Standardized Impact SPL, L'nT, dB



L'nT,w 48 26.7