

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 12 of 28

6.5 mm Hybrid (1.0mm) SPC 230mm x 1524mm

PROJECT: PN6104 58 Blanck Street, Ormeau QLD 4208 FIIC

Test Location: Onsite - Insitu Open Space - Above Slab to Onsite - Insitu

Meas. Date: 2-Oct-2024

Furnished Room - Enclosed

Meas. Parameter: LLeq

Client: National Flooring Distributors

Tapping Machine: Look Line

Test Performed: Mathew Dyer

Receiving Room Volume: 34 m³

DESCRIPTION OF FLOOR AND SPECIMEN

No. of Source posn: 2

Test Surface: 6.5 mm Hybrid (1.0mm) SPC 230mm x 1524mm

Mic. posn: 2 sweeps

RT meas: 4 Imp.

Underlay:

SLM: Nor 140

Adhesive:

Ceiling: 100mm air gap+ 13mm plasterboard ceiling

Slab: 200mm Concrete

Weighted Standardized Impact SPL

L'nT,w

52

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

Results standardized to a RT of 0.5 seconds

Impact Insulation Class

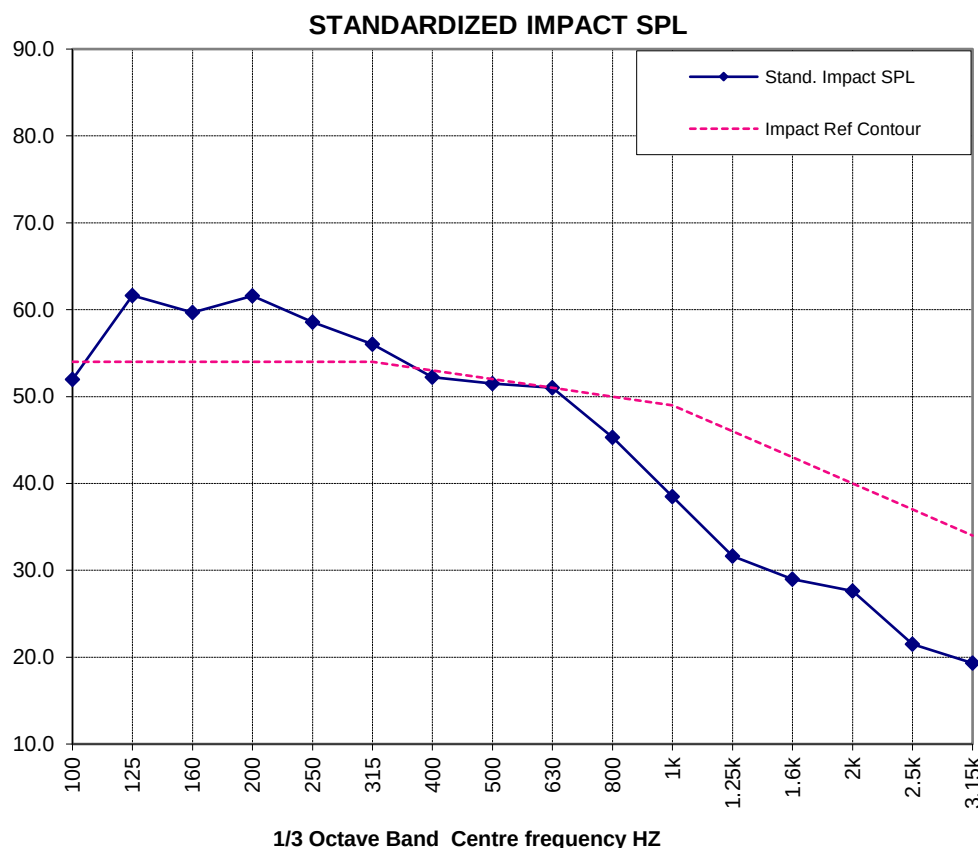
FIIC

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ASTM E1007-97 & E989-89

Centre Frequency	Stand. Impact SPL	Impact Ref Contour	Deficiencies
Hz	dB	dB	dB
100	52.0	54	
125	61.6	54	7.6
160	59.7	54	5.7
200	61.6	54	7.6
250	58.6	54	4.6
315	56.0	54	2.0
400	52.2	53	
500	51.5	52	
630	51.0	51	0.0
800	45.3	50	
1k	38.5	49	
1.25k	31.6	46	
1.6k	29.0	43	
2k	27.6	40	
2.5k	21.5	37	
3.15k	19.3	34	
Total			27.5

Standardized Impact SPL, L'nT, dB



L'nT,w 52 27.5

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