

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 24 of 28

4.5 mm Vinyl Plank 177mm x 1219mm

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: 4.5 mm Vinyl Plank 177mm x 1219mm

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

Results standardized to a RT of 0.5 seconds

L'nT,w

58

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

Impact Insulation Class

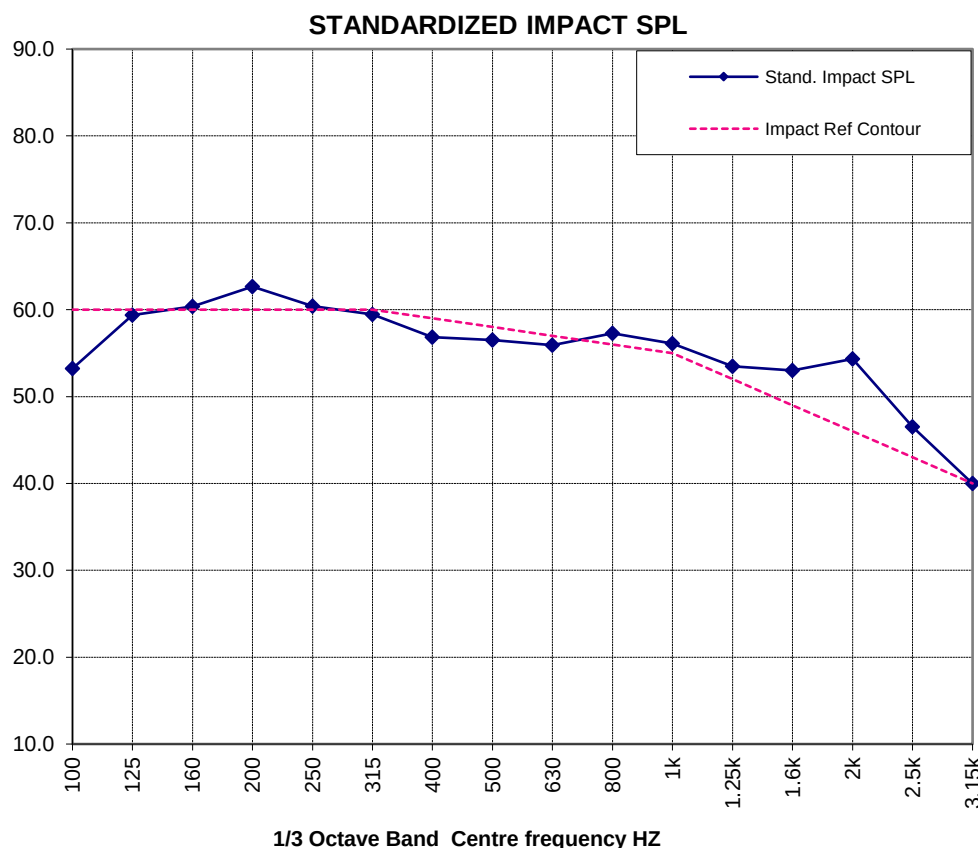
FIIC

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ASTM E1007-97 & E989-89

Centre Frequency	Stand. Impact SPL	Impact Ref Contour	Deficiencies
Hz	dB	dB	dB
100	53.2	60	
125	59.4	60	
160	60.4	60	0.4
200	62.7	60	2.7
250	60.4	60	0.4
315	59.5	60	
400	56.8	59	
500	56.5	58	
630	55.9	57	
800	57.3	56	1.3
1k	56.1	55	1.1
1.25k	53.5	52	1.5
1.6k	53.0	49	4.0
2k	54.3	46	8.3
2.5k	46.5	43	3.5
3.15k	40.0	40	
Total			

Standardized Impact SPL, L'nT, dB



L'nT,w 58 23.1

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