

Palmer Acoustics (Australia) Pty Ltd

Member Firm - Association of Australian Acoustical Consultants

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 1 of 4

5mm Acoustic Floor Vinyl Plank -

PROJECT: PN3872 133 Scarborough Street, Southport LNT
Test Location: L4 U408 living to L3 U308 living
Test Surface: Vinyl Plank Sample
Client: Acoustic Flooring PTY LTD
Test Performed: Eric Huang

Meas. Date: 24-June-2015
Meas. Parameter: LLeq
Tapping Machine: NE Nor 211
Receiving Room Volume: 67 m³

DESCRIPTION OF FLOOR AND SPECIMEN

Unit: 5mm Acoustic Floor Vinyl Plank
Product: -
Adhesive: Pressure sensitive Adhesive
Ceiling: Concrete Ceiling
Slab: 200mm Concrete Slab

No. of Source posn: 2
Mic. posn: 2 sweeps
RT meas: 4 Imp.
SLM: Nor 140

Weighted Standardized Impact SPL

Results standardized to a RT of 0.5 seconds

L'nT,w 58

ISO 140-7:1998 & 717-2:1996

CI (L'nT,w) -6

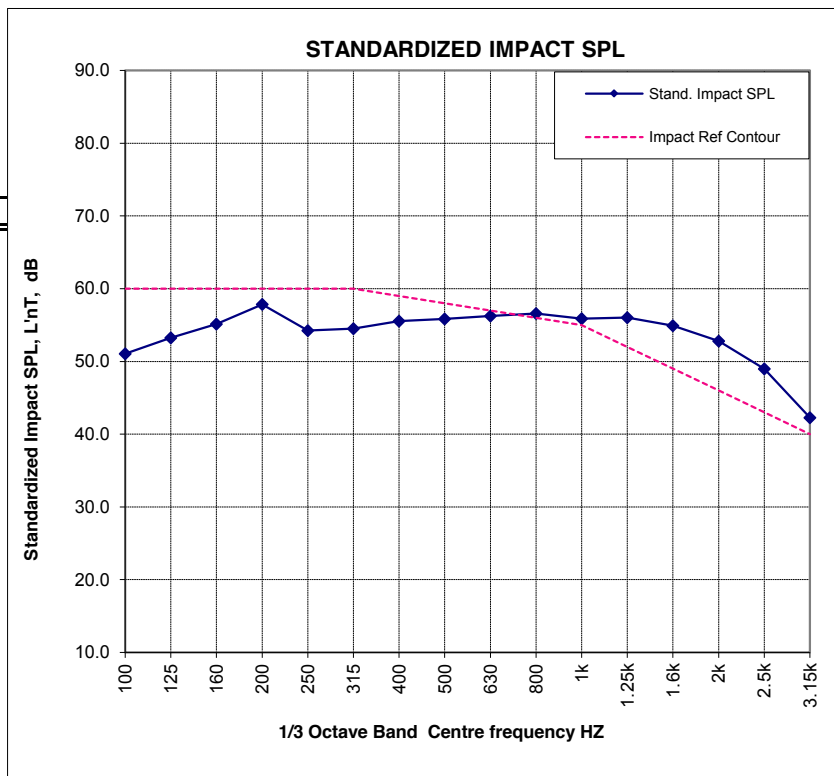
ISO 140-7:1998 & 717-2:1996

Impact Insulation Class

FIIC 49

ASTM E1007-97 & E989-89

Centre Frequency Hz	Stand. Impact SPL dB	Impact Ref Contour dB	Deficiencies dB
100	51.1	60	
125	53.3	60	
160	55.1	60	
200	57.8	60	
250	54.2	60	
315	54.5	60	
400	55.5	59	
500	55.9	58	
630	56.3	57	
800	56.6	56	0.6
1k	55.9	55	0.9
1.25k	56.0	52	4.0
1.6k	54.9	49	5.9
2k	52.8	46	6.8
2.5k	49.0	43	6.0
3.15k	42.3	40	2.3
Total			
L'nT,w	58	26.5	



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