

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 2 of 4

5mm Acoustic LuxFeel Planks

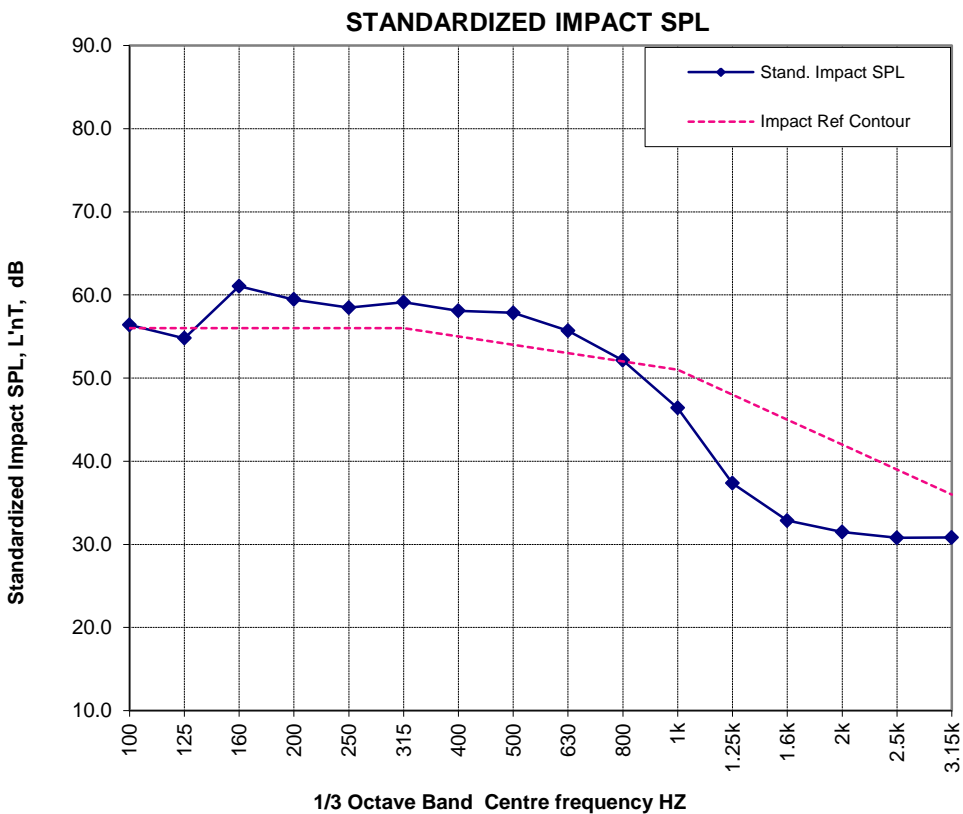
3mm Acoustilay

PROJECT:	PN4097 U11 26 Rees Avenue - Bayview Mansions LNT	Meas. Date:	20-Oct-16
Test Location:	U11 living to U7 living	Meas. Parameter:	LLeq
Test Surface:	Vinyl Sample	Tapping Machine:	Look Line EM50
Client:	Acoustic Flooring	Receiving Room Volume:	99 m ³
Test Performed:	Max Thomson		

DESCRIPTION OF FLOOR AND SPECIMEN	No. of Source posn:	2
Unit: 5mm Acoustic LuxFeel Planks	Mic. posn:	2 sweeps
Product: 3mm Acoustilay	RT meas:	4 Imp.
Adhesive:	SLM:	Nor 140
Ceiling: Bare Slab		
Slab:		

Weighted Standardized Impact SPL	L'nT,w	54	ISO 140-7:1998 & 717-2:1996
Results standardized to a RT of 0.5 seconds	CI (L'nT,w)	-1	ISO 140-7:1998 & 717-2:1996
Impact Insulation Class	FIIC	51	ASTM E1007-97 & E989-89

Centre Frequency Hz	Stand. Impact SPL dB	Impact Ref Contour dB	Deficiencies dB
100	56.4	56	0.4
125	54.8	56	
160	61.1	56	5.1
200	59.4	56	3.4
250	58.5	56	2.5
315	59.1	56	3.1
400	58.1	55	3.1
500	57.8	54	3.8
630	55.7	53	2.7
800	52.1	52	0.1
1k	46.4	51	
1.25k	37.3	48	
1.6k	<	45	
2k	<	42	
2.5k	30.8	39	
3.15k	30.8	36	
Total			24.3



L'nT,w 54 24.3