

FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE

Test 5 of 7

15mm Golden Elite engineered timber floor sample

4mm Damtec Multi

PROJECT:	PN4484 51 Ferry Street West End LNT	Meas. Date:	3-Sep-18
Test Location:	Living to Living	Meas. Parameter:	LLeq
Test Surface:	15mm Golden Elite engineered timber floor sample	Tapping Machine:	Look Line EM50
Client:	Damtec	Receiving Room Volume:	179 m ³
Test Performed:	Quang Le		

DESCRIPTION OF FLOOR AND SPECIMEN

Floor:	15mm Golden Elite engineered timber floor sample	No. of Source posn:	4
Product:	4mm Damtec Multi	Mic. posn:	4 sweeps
Adhesive:	Loose laid	RT meas:	6 Imp.
Ceiling:	13mm Plasterboard with 250mm cavity	SLM:	Nor 140
Slab:	Concrete (100mm Ultrafloor)		

Weighted Standardized Impact SPL

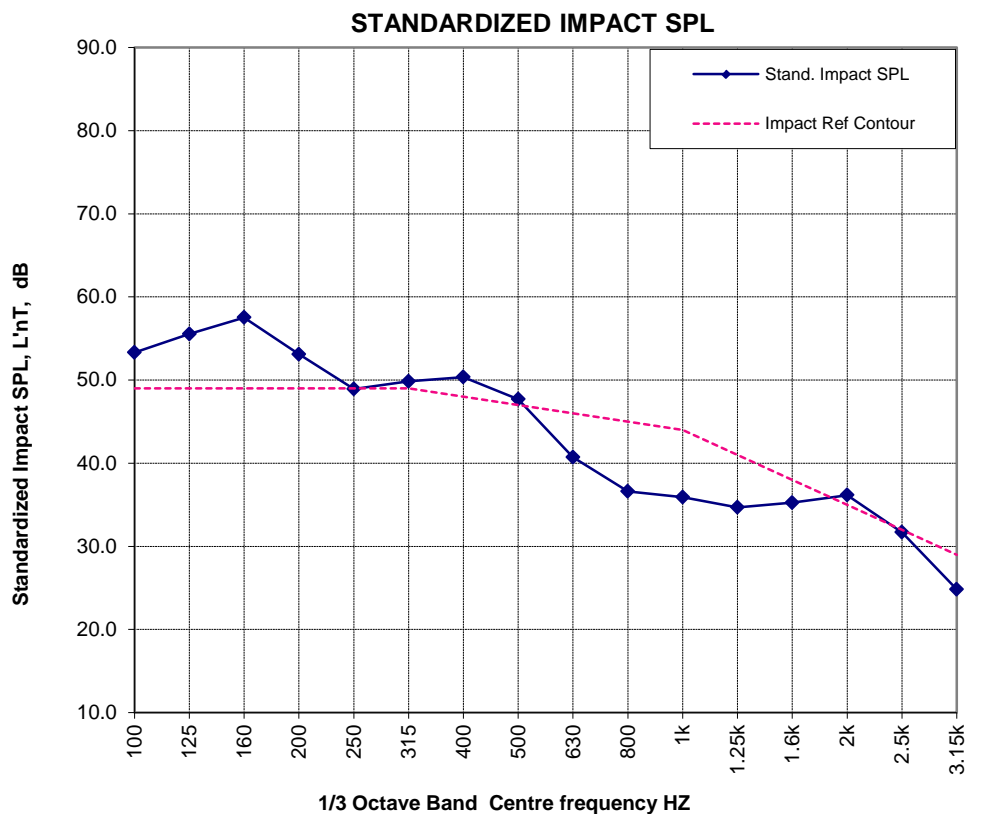
L'nT,w

47

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

Results standardized to a RT of 0.5 seconds

Centre Frequency Hz	Stand. Impact SPL dB	Impact Ref Contour dB	Deficiencies dB
100	53.3	49	4.3
125	55.5	49	6.5
160	57.5	49	8.5
200	53.1	49	4.1
250	48.9	49	0.9
315	49.9	49	2.4
400	50.4	48	0.7
500	47.7	47	0.7
630	40.7	46	1.2
800	< 36.6	45	
1k	35.9	44	
1.25k	34.7	41	
1.6k	35.2	38	
2k	36.2	35	
2.5k	31.7	32	
3.15k	< 24.8	29	
Total			28.6



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