

**FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE**

Test 4 of 4

Carpet tile sample

**PROJECT:** 5121 U402 Breeze, 43 Ferry Road, West End LNT  
**Test Location:** U402 Living Room to U302 Living Room  
**Client:** Artistic Flooring  
**Test Performed:** Braedon Hall

**Meas. Date:** 15-Dec-2020  
**Meas. Parameter:** LLeq  
**Tapping Machine:** Look Line EM50  
**Receiving Room Volume:** 128 m<sup>3</sup>

**DESCRIPTION OF FLOOR AND SPECIMEN**

**Test Surface:** Carpet tile sample  
**Underlay:**  
**Adhesive:**  
**Ceiling:** Plasterboard  
**Slab:** Concrete

**No. of Source posn:** 2  
**Mic. posn:** 2 sweeps  
**RT meas:** 5 Imp.  
**SLM:** Nor 140

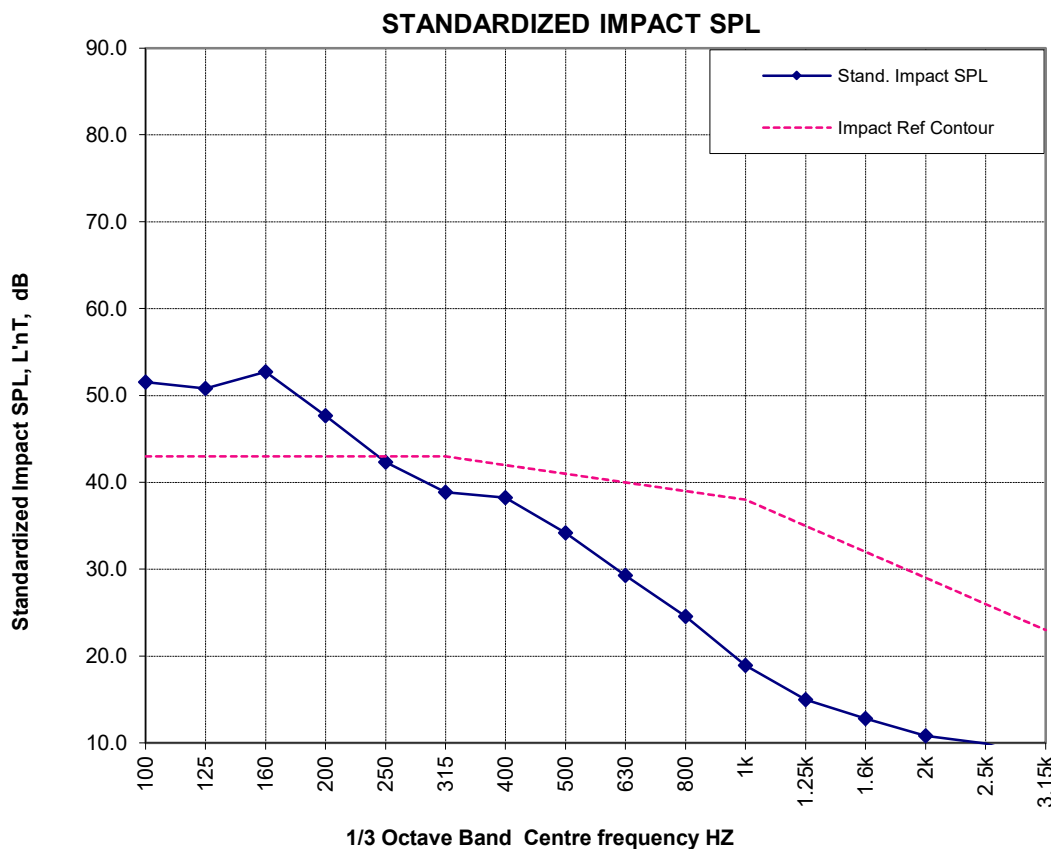
**Weighted Standardized Impact SPL**

**L'nT,w 41**

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	51.5	43	8.5
125	50.8	43	7.8
160	52.7	43	9.7
200	47.7	43	4.7
250	42.3	43	
315	38.9	43	
400	38.2	42	
500	34.2	41	
630	29.3	40	
800	24.6	39	
1k	< 18.9	38	
1.25k	< 15.0	35	
1.6k	< 12.8	32	
2k	< 10.8	29	
2.5k	< 9.9	26	
3.15k	< 7.9	23	
<b>Total</b>			<b>30.7</b>



L'nT,w 41 30.7