

**FIELD IMPACT SOUND INSULATION - TEST CERTIFICATE**

Test 4 of 7

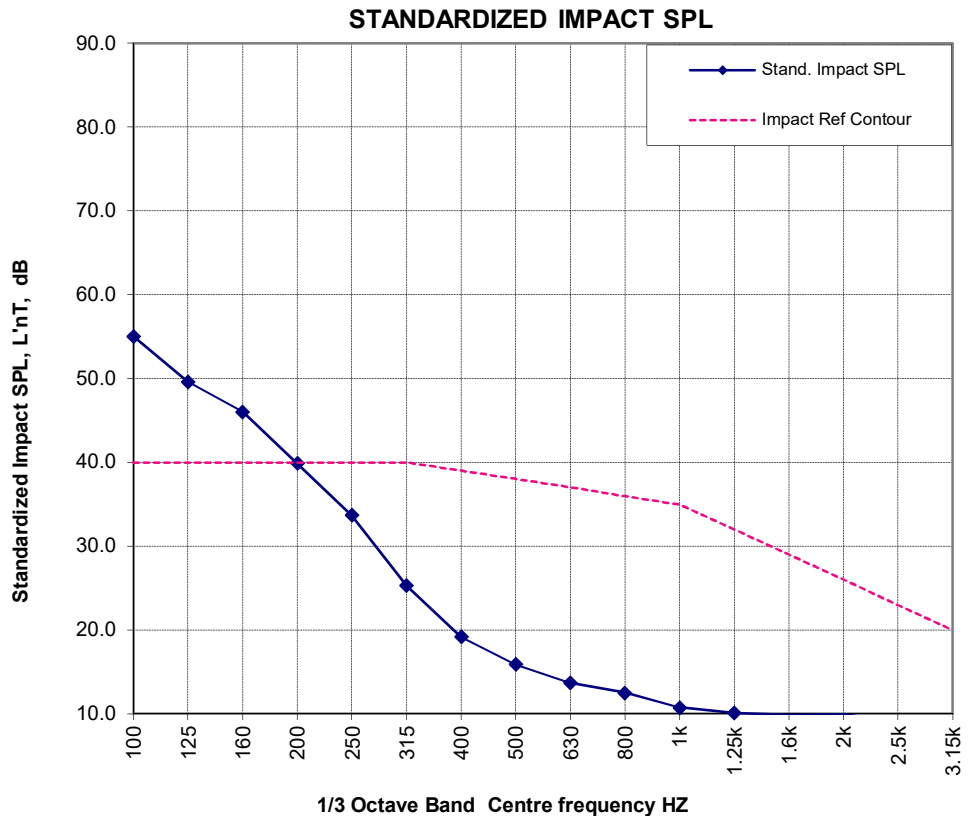
**18oz 500 X 500 SDN Carpet Tiles with acoustic backing**

<b>PROJECT:</b>	PN4764 U404 Breeze Apartments West End LNT	<b>Meas. Date:</b>	2-Oct-19
<b>Test Location:</b>	Level 4 U404 Living area to Level 3 U304 Living area	<b>Meas. Parameter:</b>	LLeq
<b>Test Surface:</b>	18oz 500 X 500 SDN Carpet Tiles with acoustic backing	<b>Tapping Machine:</b>	Look Line EM50
<b>Client:</b>	Artistic Carpets	<b>Receiving Room Volume:</b>	106 m <sup>3</sup>
<b>Test Performed:</b>	Hasitha Gallage		

<b>DESCRIPTION OF FLOOR AND SPECIMEN</b>		<b>No. of Source posn:</b>	2
Unit:	18oz 500 X 500 SDN Carpet Tiles with acoustic backing	<b>Mic. posn:</b>	2 sweeps
Product:		<b>RT meas:</b>	6 Imp.
Adhesive:		<b>SLM:</b>	Nor 140
Ceiling:	Plasterboard		
Slab:	Concrete		

<b>Weighted Standardized Impact SPL</b>	<b>L'nT,w</b>	<b>38</b>	ISO 16283-2:2015 & 717-2:2013
Results standardized to a RT of 0.5 seconds			
	<b>FIC</b>	<b>59</b>	ASTM E1007-97 & E989-89

Centre Frequency Hz	Stand. Impact SPL dB	Impact Ref Contour dB	Deficiencies dB
100	55.0	40	15.0
125	49.6	40	9.6
160	46.0	40	6.0
200	39.9	40	
250	33.7	40	
315	25.3	40	
400	< 19.2	39	
500	< 15.9	38	
630	< 13.7	37	
800	< 12.5	36	
1k	< 10.7	35	
1.25k	< 10.1	32	
1.6k	< 9.8	29	
2k	< 9.9	26	
2.5k	< 9.0	23	
3.15k	< 7.4	20	
<b>Total</b>			



L'nT,w 38 30.7