

TEST REPORT

No : SHCCM140400646

Date : JUL. 01, 2024

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The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : SPC FLOORING
Sample Number : SHCCM140400646
Test Required : Impact sound insulation
Test Method : ISO 10140-1:2010
Date of Receipt : JUL. 01, 2024
Test Period : JUL. 01, 2024 to JUL. 24, 2024
Test result(s) : For further details, please refer to the following page(s)

***** To be continued*****

Signed for SGS-CSTC Standards
Technical Services (Shanghai) Co., Ltd.

Vivien Zhang
Authorized signatory

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1. Test reference

- 1) ISO 10140-1:2010 Acoustics-Laboratory measurement of sound insulation of building elements – Part 1: Application rules for specific products
- 2) ISO 717-2:1996 +A1:2006 Acoustics-Rating of sound insulation in buildings and of building elements – Part 2: Impact sound insulation

2. Test condition

Ambient temperature	20°C	Relative humidity	66%
The source room Volume	36m ³	The receiving room Volume	53m ³
Description of test arrangement	<ol style="list-style-type: none"> 1. The test sample was laid on the 140mm thick reinforced concrete floor. 2. The area of test samples is 10.0 m² 		

3. Test result

Rating according to ISO 717-2:1996+A1:2006:

$\Delta L_w=8\text{dB}$, $C_{l,\Delta}=-4\text{dB}$

***** To be continued*****

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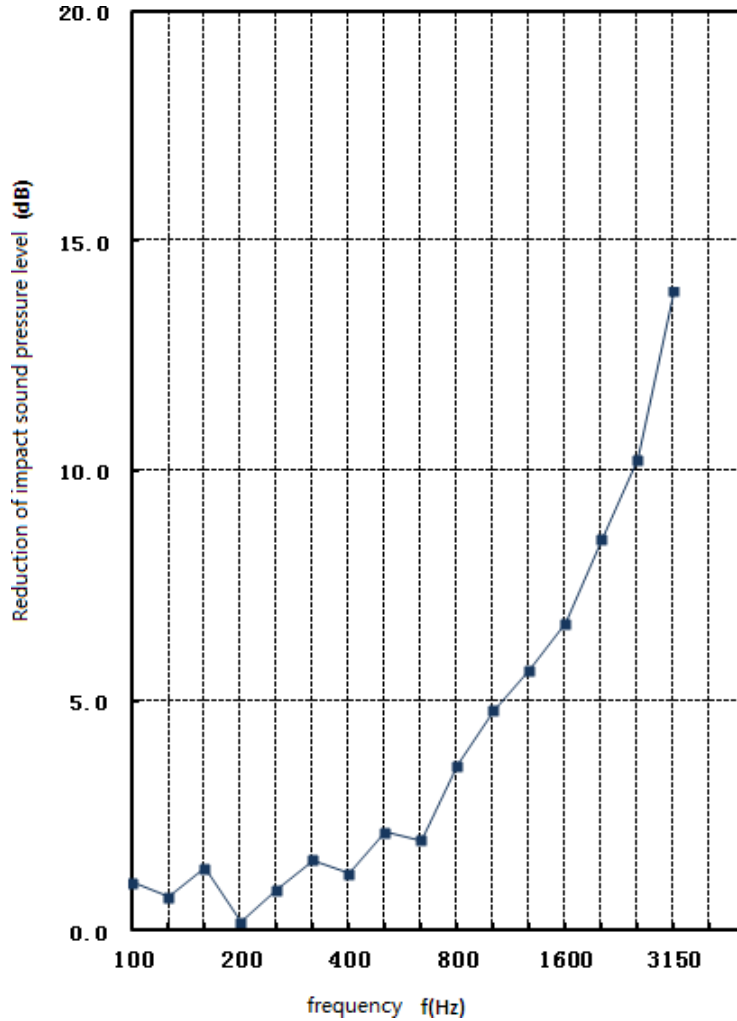
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f Hz	$L_{n,0}$ dB	ΔL dB
50	/	/
63	/	/
80	/	/
100	46.7	1.0
125	44.6	0.7
160	45.7	1.4
200	49.7	0.2
250	47.9	0.9
315	51.0	1.5
400	48.2	1.2
500	49.6	2.1
630	50.5	2.0
800	51.3	3.6
1000	52.4	4.8
1250	53.2	5.7
1600	55.0	6.7
2000	55.8	8.5
2500	55.9	10.3
3150	55.2	13.9
4000	/	/
5000	/	/



Note: The test was carried out by external laboratory assessed as competent.

Statement : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

***** End of report *****

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