

TEST REPORT

No. : XMIN2211009396CM

Date : Dec 15, 2022

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scan to see the report



XMIN2211009396CM

CUSTOMER NAME: EVERLASTING BASE SDN BHD
ADDRESS: LOT3623-3626 TAMAN PERINDUSTRIAN JASIN ,77200 BEMBAN,
MELAKA, MALAYSIA

Sample Name : SPC6512-3
Manufacturer : EVERLASTING BASE SDN BHD
Material and Mark : SPC

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Nov 23, 2022
Testing Start Date : Nov 23, 2022
Testing End Date : Dec 13, 2022
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd Xiamen Branch
Testing Center

Bryan Hong
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result
1	Determination of Impact Sound Insulation Class	ASTM E492-09(2016) ^{E1} ASTM E989-21	IIC = 69
2	Airborne sound transmission loss test and class	ASTM E90-09(2016) ASTM E413-16	STC = 68

Original Sample Photo:



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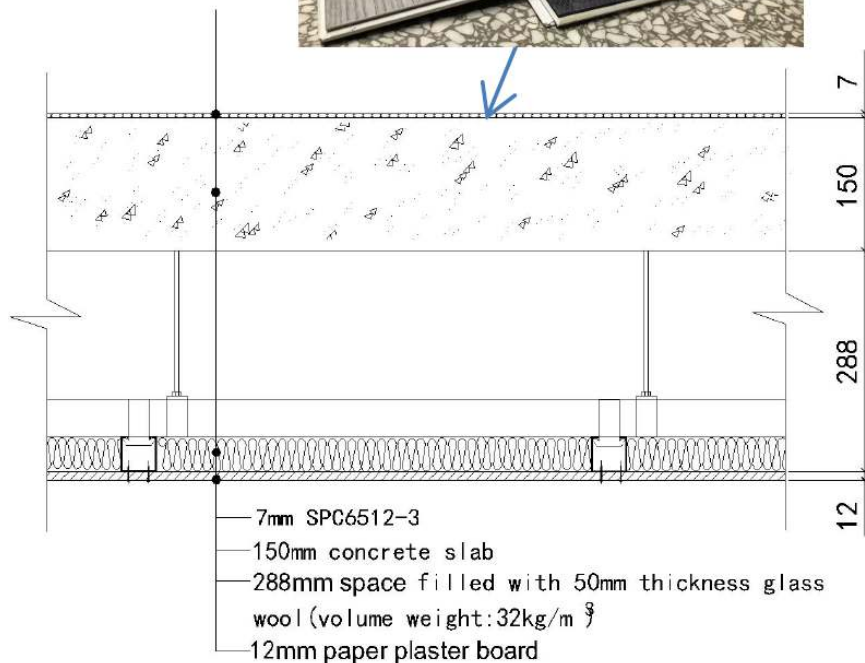
Date : Dec 15, 2022

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Test Condition:

- Sample Description : 7(5.5+1.5) mm flooring, surface density: about 11.5 kg/m², at the bottom of the sample with 1.5mm cushion pad. Total Thickness: 7mm
- Test conducted : ASTM E492-09(2016)^{ε1}, ASTM E989-21, ASTM E90-09(2016), ASTM E413-16
- Project description : No decoration on the surface of the sample, sample installation is directly assembled.
The test specimen was covered on a 150mm concrete floor with a drop ceiling, testing area 11.3m², the drop ceiling construction showed in Schematic Diagram
- Test Equipment : RTA840 system
- Test Environment : Source room volume 125m³, receiving room volume 100m³, air temperature 20.1 °C, air humidity 32.5%

Schematic Diagram:



SGS-CSTC Xi'an Branch
Xian Branch Testing Center Commercial Construction Material Laboratory

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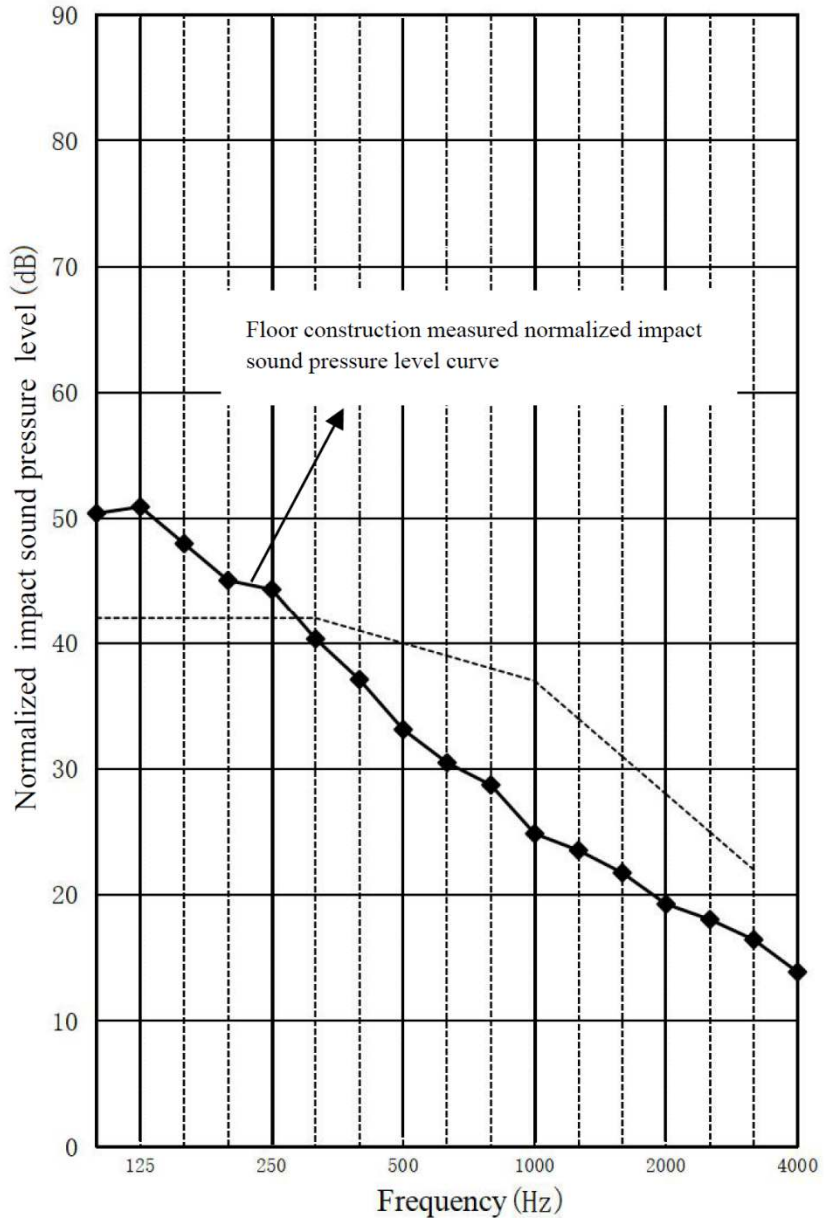
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Frequency spectrum for IIC:

f Hz	Ln dB
100	50.4
125	50.9
160	48.0
200	45.1
250	44.3
315	40.3
400	37.1
500	33.1
630	30.5
800	28.7
1000	24.9
1250	23.5
1600	21.8
2000	19.3
2500	18.0
3150	16.4
4000	13.9
IIC = 69	



Remark: L_n as the weighted normalized impact sound pressure level



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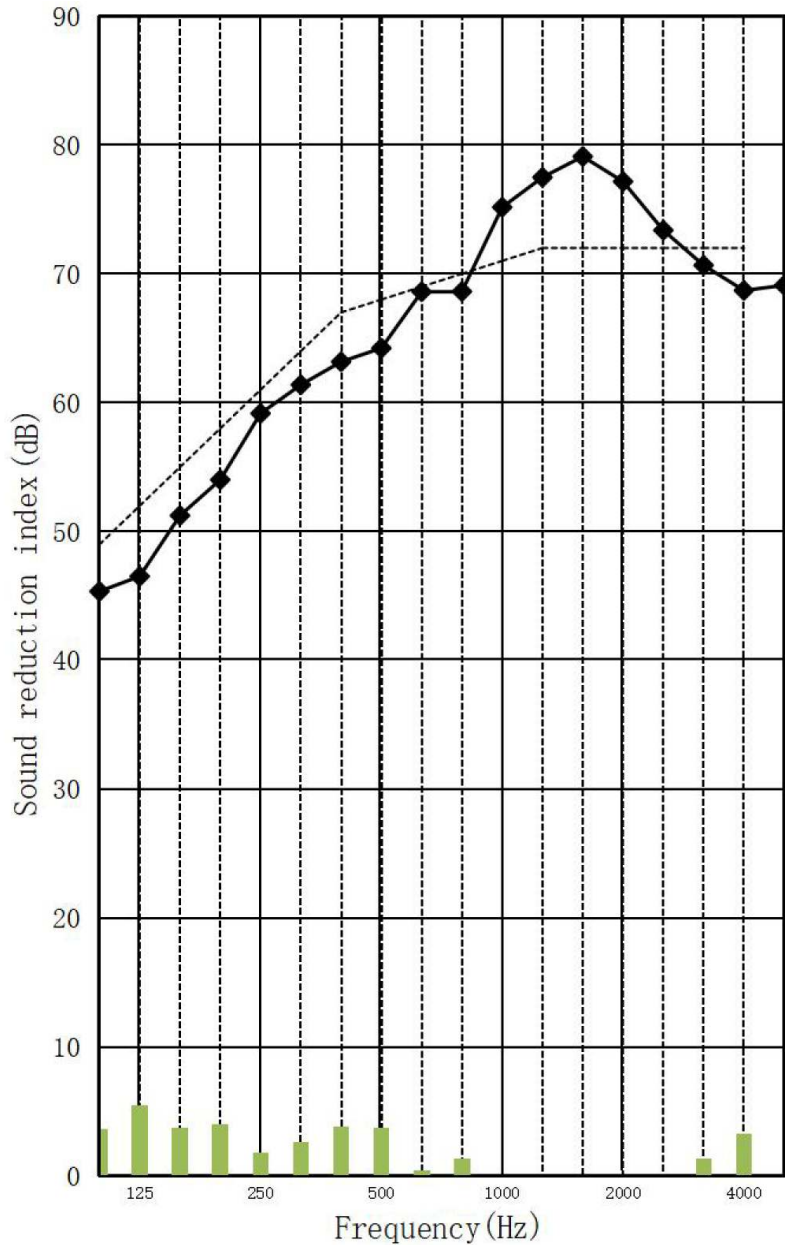
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Frequency spectrum for STC

f Hz	TL dB
100 125 160	45.4 46.5 51.2
200 250 315	54.0 59.2 61.4
400 500 630	63.2 64.2 68.6
800 1000 1250	68.6 75.2 77.5
1600 2000 2500	79.1 77.2 73.4
3150 4000 5000	70.7 68.7 69.1
STC	68



Remark: 1. TL is the transmission loss.
 2. The above test project/method was carried out by subcontractors.
 ***** End of report*****



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