

## TEST REPORT

No. : XMIN2211009396CM

Date : Dec 15, 2022

Page: 1 of 5

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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Page: 2 of 5

Summary of Results:

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

Original Sample Photo:



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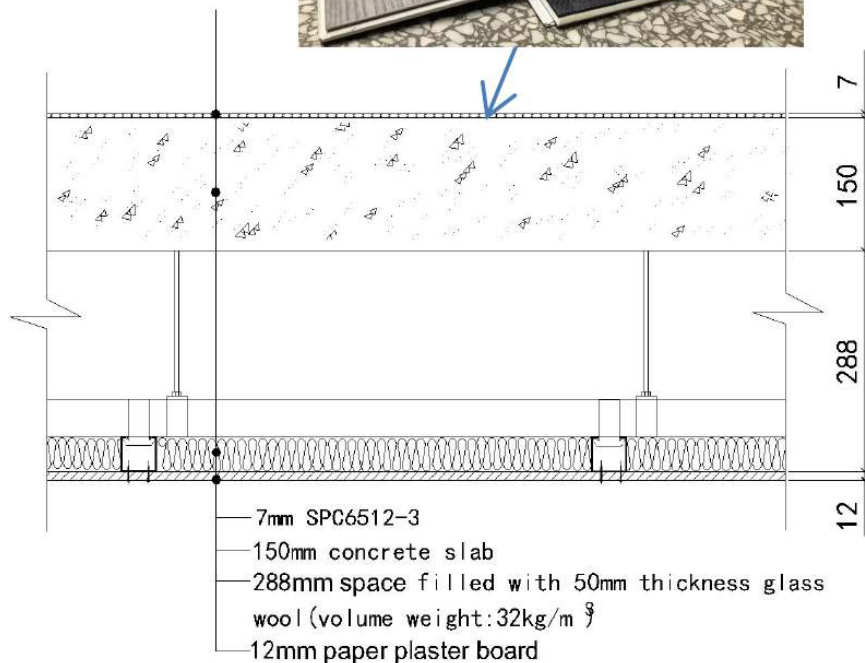
Date : Dec 15, 2022

Page: 3 of 5

## Test Condition:

- Sample Description : 7(5.5+1.5) mm flooring, surface density: about 11.5 kg/m<sup>2</sup>, at the bottom of the sample with 1.5mm cushion pad. Total Thickness: 7mm
- Test conducted : ASTM E492-09(2016)<sup>ε1</sup>, 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 11.3m<sup>2</sup>, the drop ceiling construction showed in Schematic Diagram
- Test Equipment : RTA840 system
- Test Environment : Source room volume 125m<sup>3</sup>, receiving room volume 100m<sup>3</sup>, air temperature 20.1 °C, air humidity 32.5%

## Schematic Diagram:



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Xian Branch Testing Center Commercial Construction Material Laboratory

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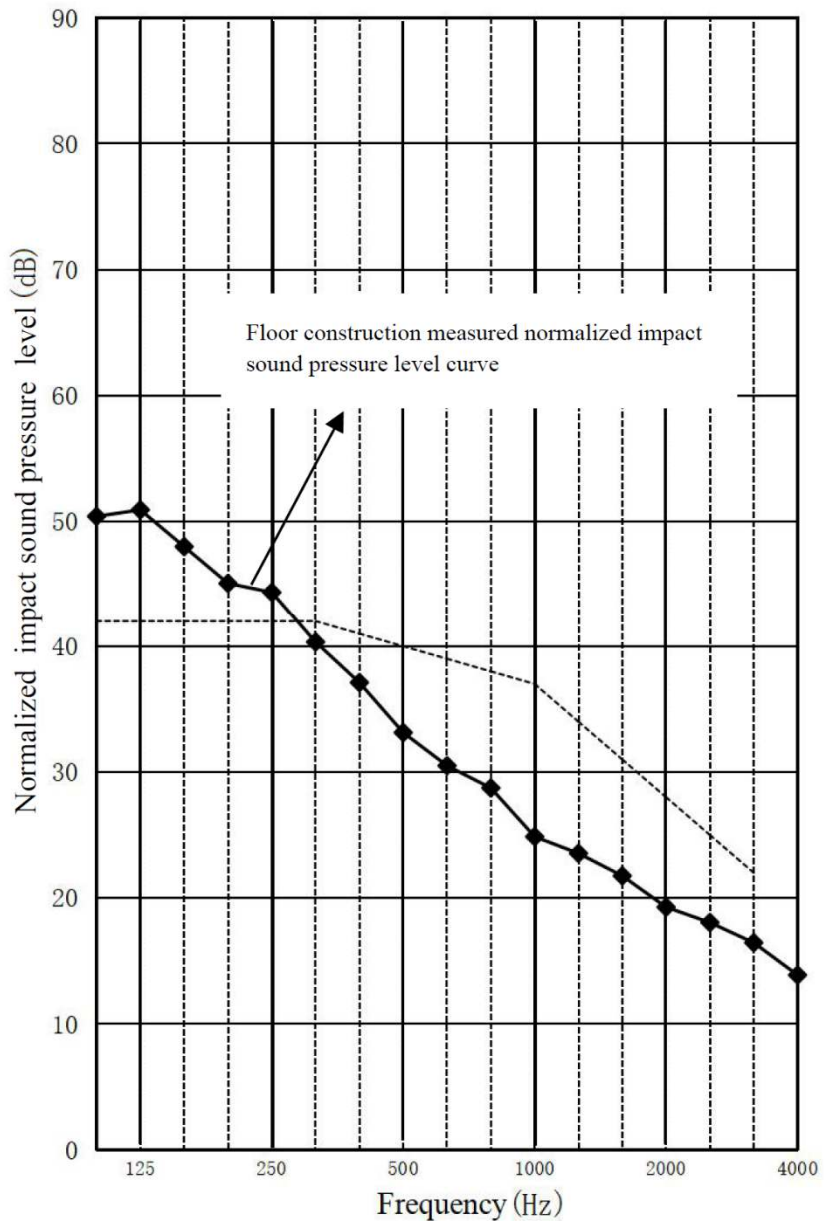
No. : XMIN2211009396CM

Date : Dec 15, 2022

Page: 4 of 5

## 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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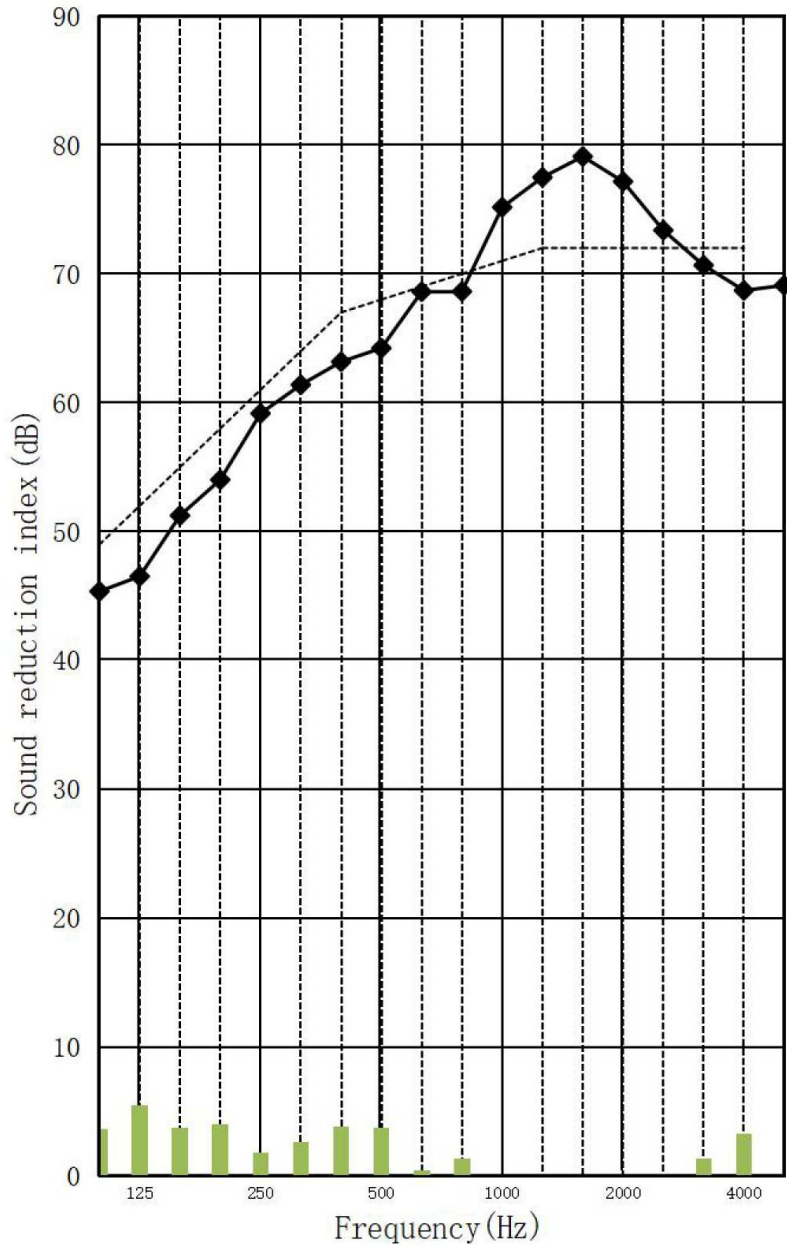
No. : XMIN2211009396CM

Date : Dec 15, 2022

Page: 5 of 5

## 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
<b>STC</b>	<b>68</b>



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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