

TEST REPORT

No.: XMIN2605001031CM01_EN

Issue Date: 2026-06-05

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CUSTOMER NAME: LIONS FLOOR

ADDRESS: 7300 SOMERSET BLVD, PARAMOUNT, CA 90723

Sample Name : Haven Heights Laminate

Product Specification : 1515*237*10mm

Material : HDF

Other Information : LI-HH03

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.

Sample Source : Customer-delivered

Date of Receipt : 2026-05-16

Testing Period : 2026-05-16 ~ 2026-05-26

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 and on behalf of
SGS-CSTC Standards Technical Services Co.,Ltd. Xiamen Branch

Bryan

Bryan Hong

Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result
1	Determination of Impact Sound Insulation Class	ASTM E492-25 ASTM E989-21	IIC = 68
2	Airborne sound transmission loss test and class	ASTM E90-23 ASTM E413-22	STC = 66

Original Sample Photo:



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Test Condition:

Sample Description : Flooring (see the photo)
Total Thickness:10mm, surface density: about 7.5kg/m²

Test conducted : IIC: ASTM E492-25, ASTM E989-21
STC: ASTM E90-23, ASTM E413-22

Project description : No decoration of sample surface and installation assembled directly.
The test specimen was covered on a 150mm concrete floor with a drop ceiling,
testing area 11.3m², the drop ceiling construction showed in following:
Drop ceiling: 288mm cavity filled with 50mm glass wool, 12mm gypsum board.

Test Equipment : RTA840 system

Test Environment : Source room volume 125m³, receiving room volume 100m³,
air temperature 24.5 °C, air humidity 36.9%



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TEST REPORT

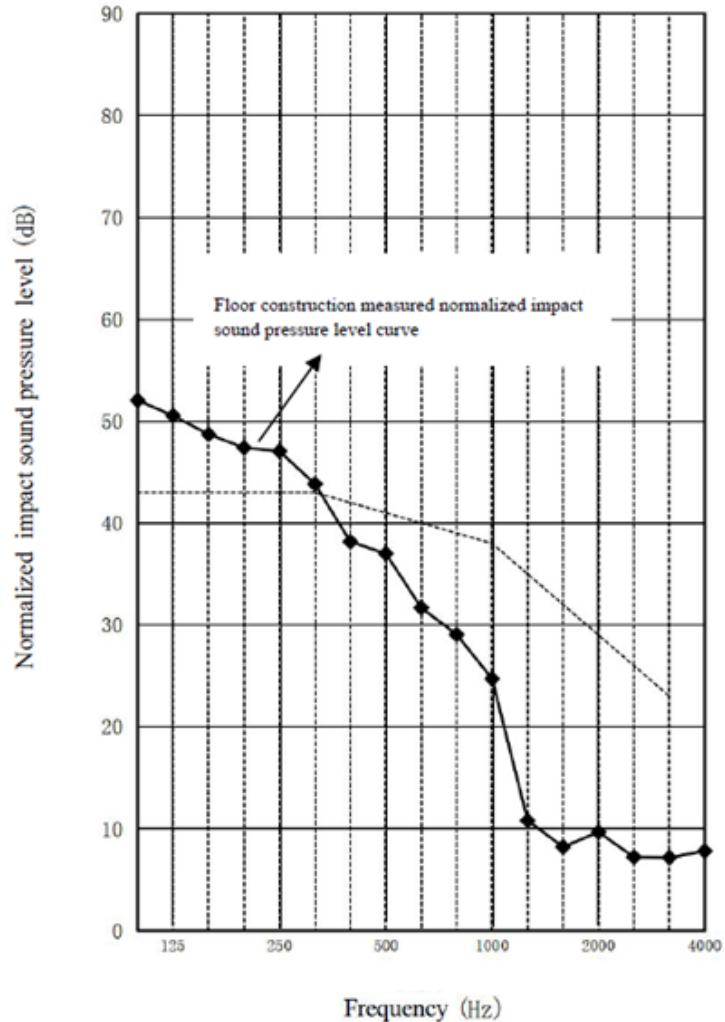
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Frequency spectrum (IIC)

f Hz	L_n dB
100	52.0
125	50.5
160	48.7
200	47.4
250	47.1
315	43.8
400	38.2
500	37.0
630	31.7
800	29.0
1000	24.7
1250	10.8
1600	8.2
2000	9.7
2500	7.2
3150	7.2
4000	7.8
IIC = 68	



Remark: L_n as the weighted normalized impact sound pressure level



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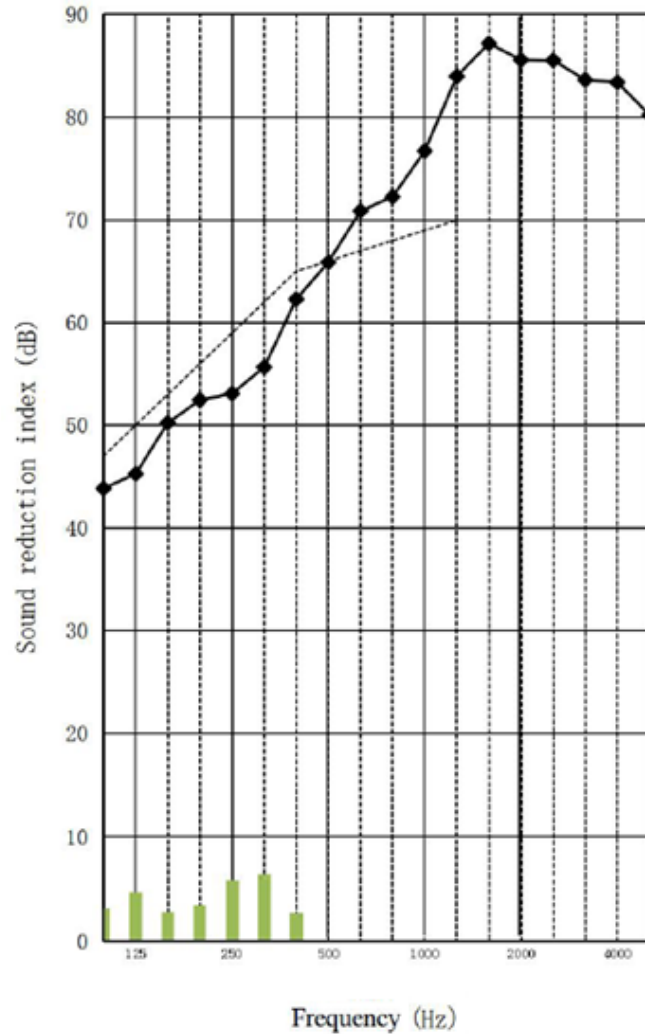
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Frequency spectrum (STC)

f Hz	TL dB
100	43.8
125	45.3
160	50.2
200	52.4
250	53.1
315	55.7
400	62.3
500	65.9
630	70.9
800	72.3
1000	76.7
1250	84.0
1600	87.2
2000	85.6
2500	85.5
3150	83.7
4000	83.4
5000	80.3
STC = 66	



Remark: TL is the transmission loss.



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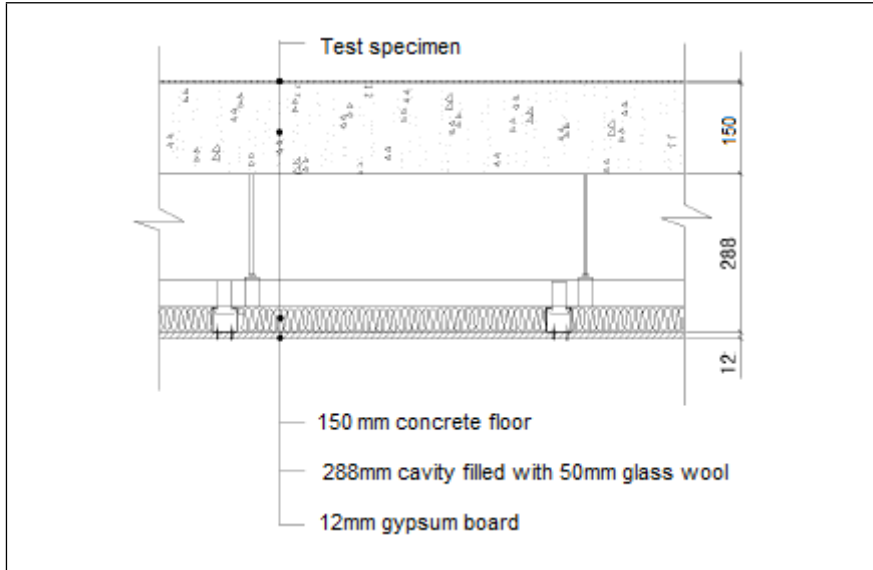
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The constructional drawing of the floor/ceiling assembly system



Remark: The above test project/method was carried out by subcontractors.

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



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