

TEST REPORT

No. : XMIN2006005124CM

Date : Jul 01, 2020

Page: 1 of 5

CUSTOMER NAME: AN CUONG HIGH-TECH BUILDING MATERIALS JOINT STOCK COMPANY

ADDRESS: AN PHAT HIGH-TECH INDUSTRIAL PARK, KM47, NATIONAL ROAD 5, VIET HOA WARD, HAI DUONG CITY, HAI DUONG PROVINCE, VIET NAM.

Sample Name : SPC FLOOR

Product Specification : SPC floor 5.5mm thickness (included EVA 1.5mm)

Manufacturer : An Cuong High-tech Building Materials Joint Stock Company

Material and Mark : PVC+Calcium carbonat + Additives

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.

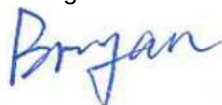
Date of Receipt : Jun 15, 2020

Testing Start Date : Jun 15, 2020

Testing End Date : Jun 29, 2020

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) ^{ε1} ASTM E989-18	IIC = 69

Original Sample Photo:



Sample A



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Test Condition:

Sample Description : Flooring (see the photo)
Total Thickness: 5.5(4+1.5) mm, surface density: about 8.1kg/m², at the bottom of the sample with 1.5mm cushion pad.

Test conducted : ASTM E492-09(2016)^{ε1}, ASTM E989-18

Project description : No decoration of sample surface, sample installation was 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 the 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 22.2°C, air humidity 60.2%



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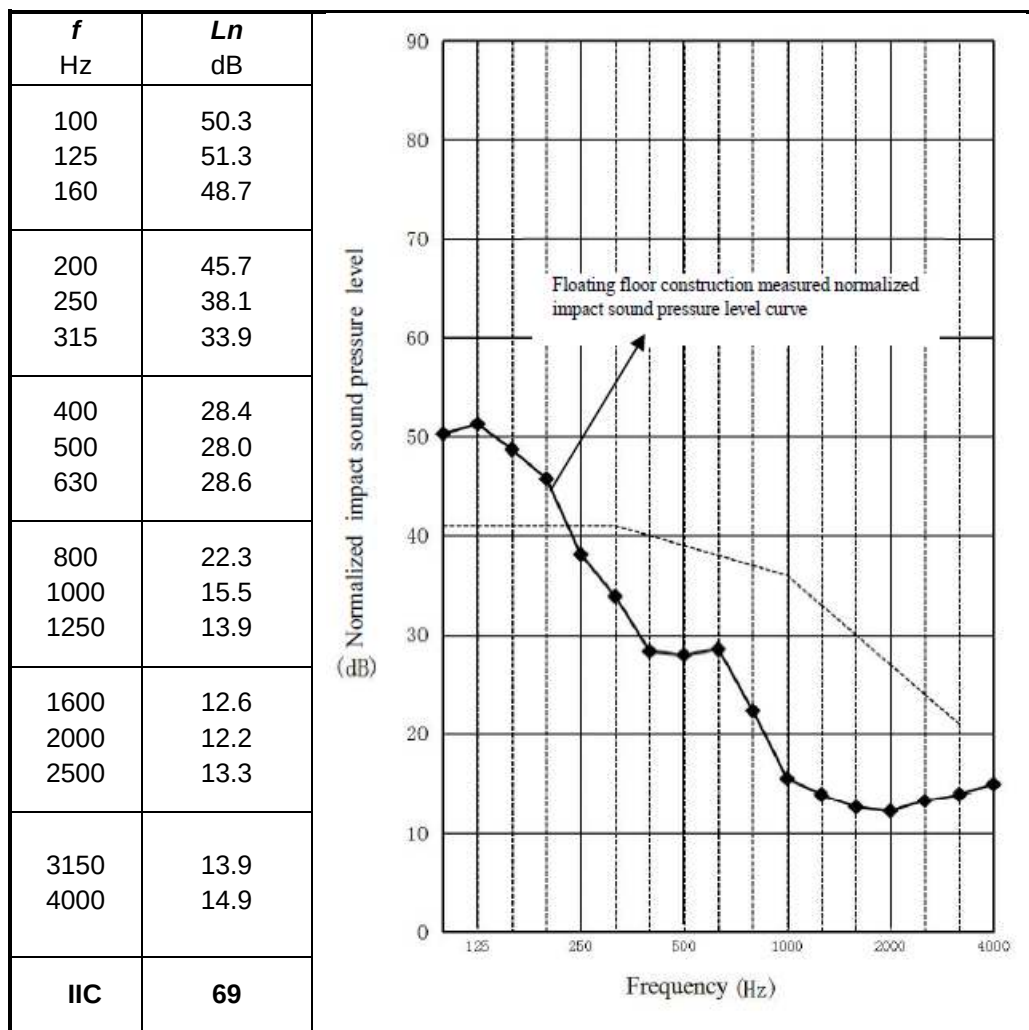
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Frequency spectrum for IIC



Remark: L_n as the weighted normalized impact sound pressure level



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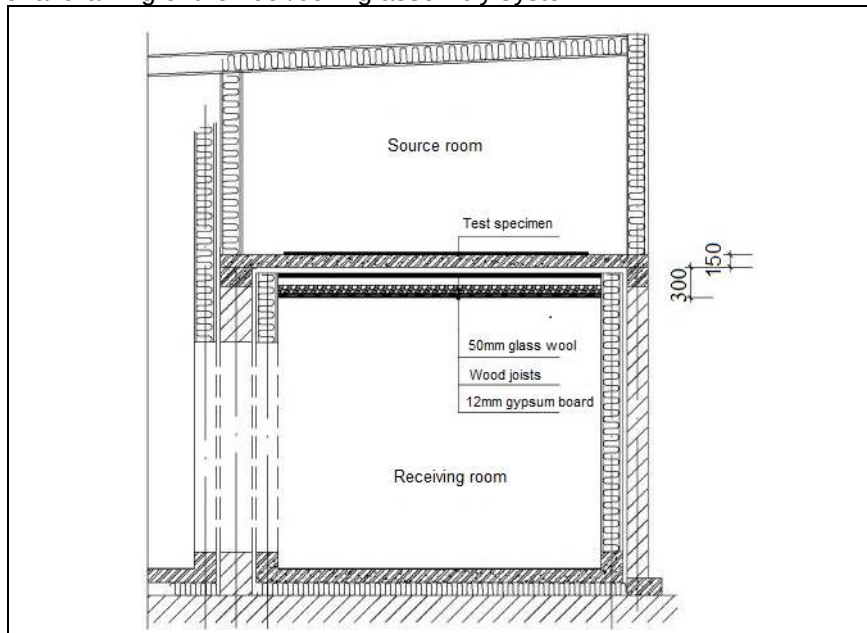
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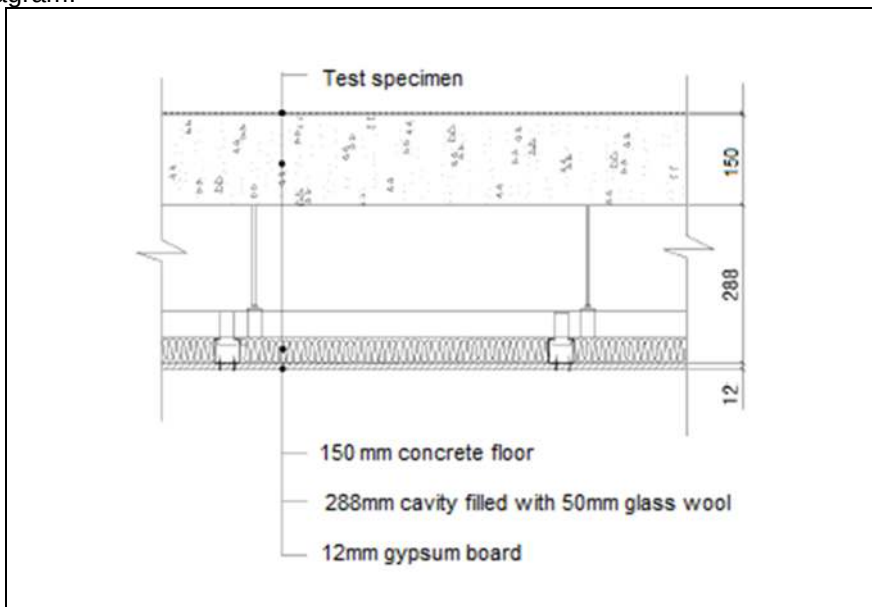
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The constructional drawing of the floor/ceiling assembly system



Schematic diagram:



Remark: The above test was carried out by Center for Building Environment Test, Tsinghua University.
***** End of report*****



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