

# TEST REPORT

No. : XMIN2006005121CM

Date : Jul 01, 2020

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CUSTOMER NAME:

ADDRESS:

Sample Name : SPC FLOOR

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

Manufacturer :

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.

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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

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Bryan Hong  
Authorized signatory

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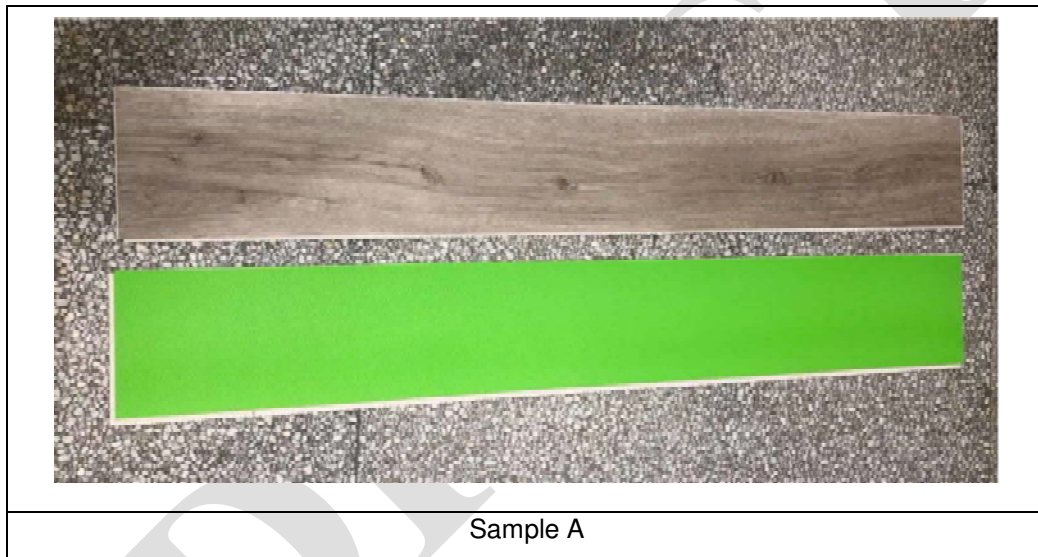
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## Summary of Results:

No.	Test Item	Test Method	Result
1	Airborne sound transmission loss test and class	ASTM E90-09(2016) ASTM E413-16	STC = 68

## Original Sample Photo:



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## Test Condition:

Sample Description : Flooring (see the photo)  
Total Thickness: 5.5(4+1.5) mm, surface density: about 8.2kg/m<sup>2</sup>, at the bottom of the sample with 1.5mm cushion pad.

Test conducted : ASTM E90-09(2016), ASTM E413-16

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 11.3m<sup>2</sup>, 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 125m<sup>3</sup>, receiving room volume 100m<sup>3</sup>, air temperature 22.2°C, air humidity 60.2%

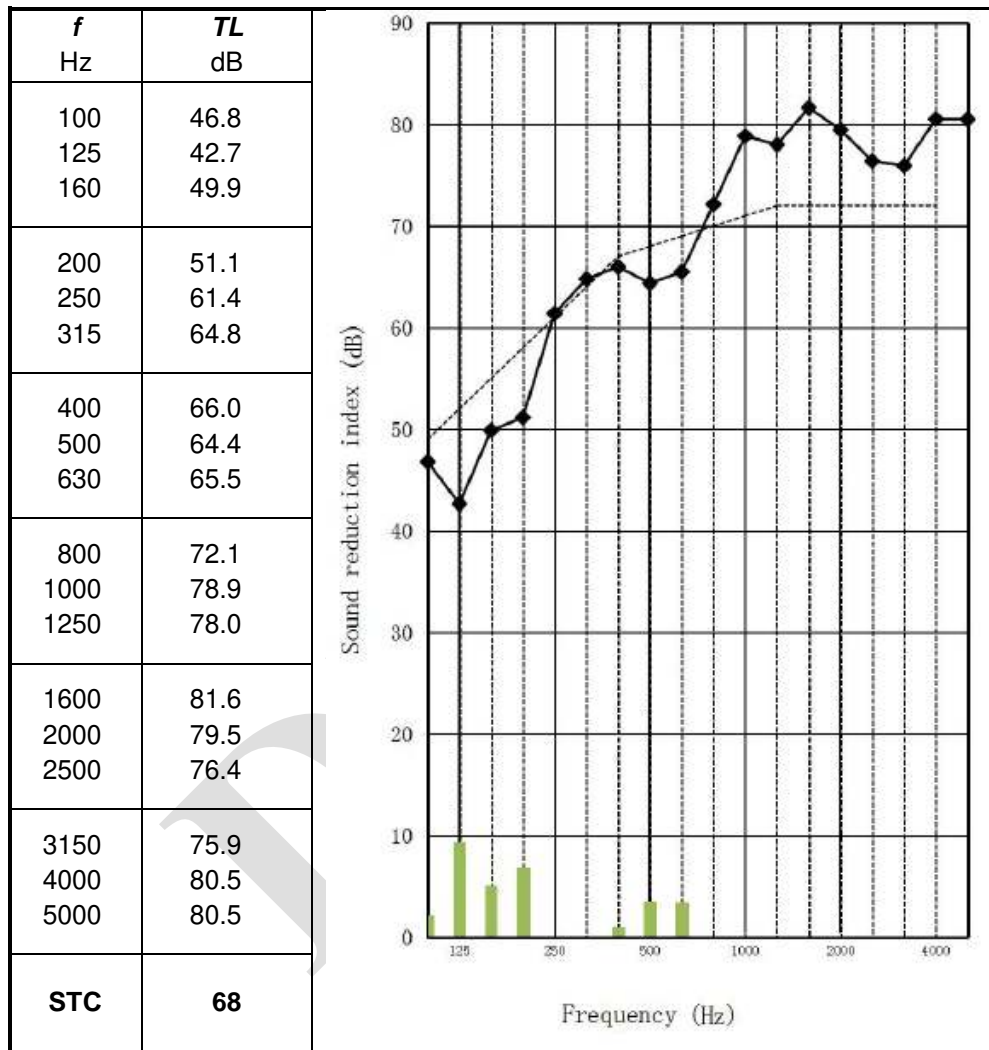
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Frequency spectrum for STC



Remark: 1. *TL* is the transmission loss.

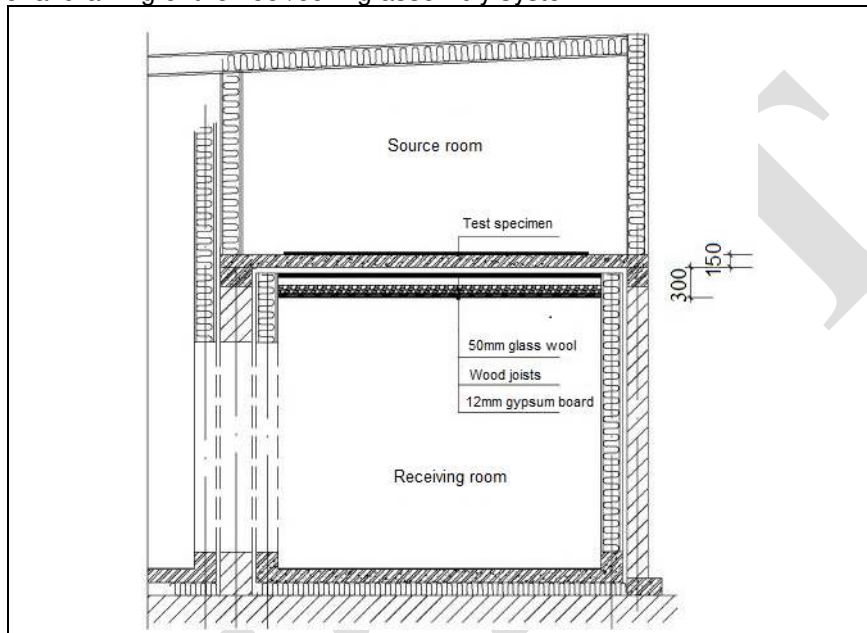
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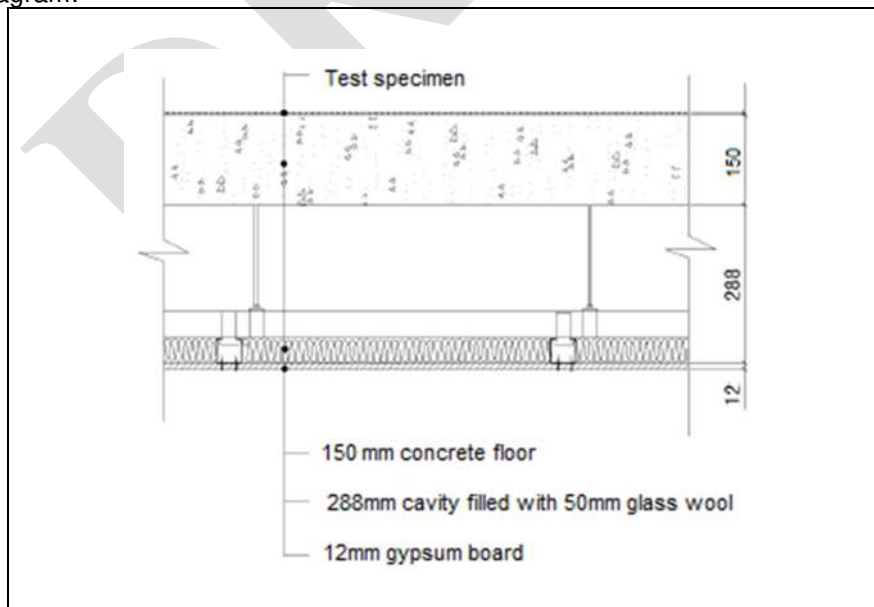
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The constructional drawing of the floor/ceiling assembly system



Schematic diagram:



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