



中国认可
国际互认
检测
TESTING
CNAS L3533

TEST REPORT

No. : CZIN2303000026CM

Date: Mar 20, 2023

Page: 1 of 7

CUSTOMER NAME: CHANG ZHOU HUAREN DECORATIVE MATERIAL CO., LTD
ADDRESS: NO.110 CHANGHONG ROAD, WUJIN DISTRICT, CHANGZHOU CITY, JIANGSU

Sample Name : SPC FLOORING
Spec. : 1524*228*8.5mm

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.

Test Required : Please see the next page(s)
SGS Ref. No. SHIN2303000490CM
Ref. Standard : Please see the next page(s)
Date of Receipt : Mar 06, 2023
Testing Start Date : Mar 06, 2023
Testing End Date : Mar 17, 2023
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
Service (Changzhou)Co., Ltd.

Tiffany Liu
Authorized signatory



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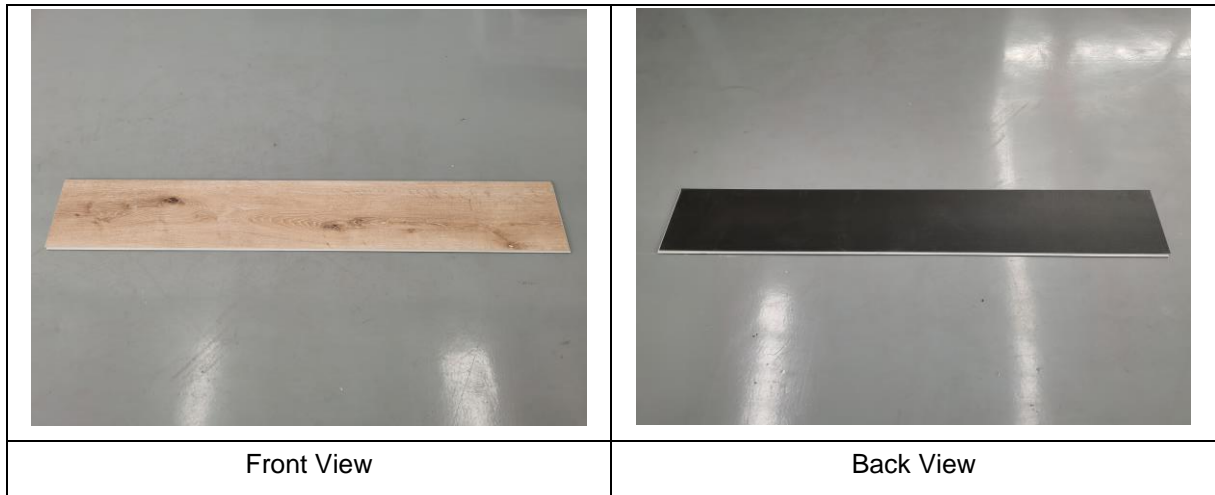
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Impact Sound Insulation	EN ISO 10140-3:2021	See Result	/
2	Impact Sound Improvement	EN ISO 10140-1:2021 Annex H	See Result	/

Note: Pass: Meet the requirements;
 Fail: Does not meet the requirements;
 /: Not Apply to the judgment.

Original Sample Photo(s):



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1. Test Item: Impact Sound Insulation

I. Test Method

EN ISO 10140-3:2021 Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation

II. Sample Details

Dimensions	1524mm×230mm×8mm
Surface Density	About 14.61kg/m ²

III. Test Condition

Ambient Temperature	15.5°C	Relative Humidity	57.9%RH
Source Room Volume	70m ³	Receiving Room Volume	85m ³
Description of Test Arrangement	Test Area: 11.93m ² (3.91m×3.05m) The test sample is laid directly on the 140mm thick prefabricated floor.		



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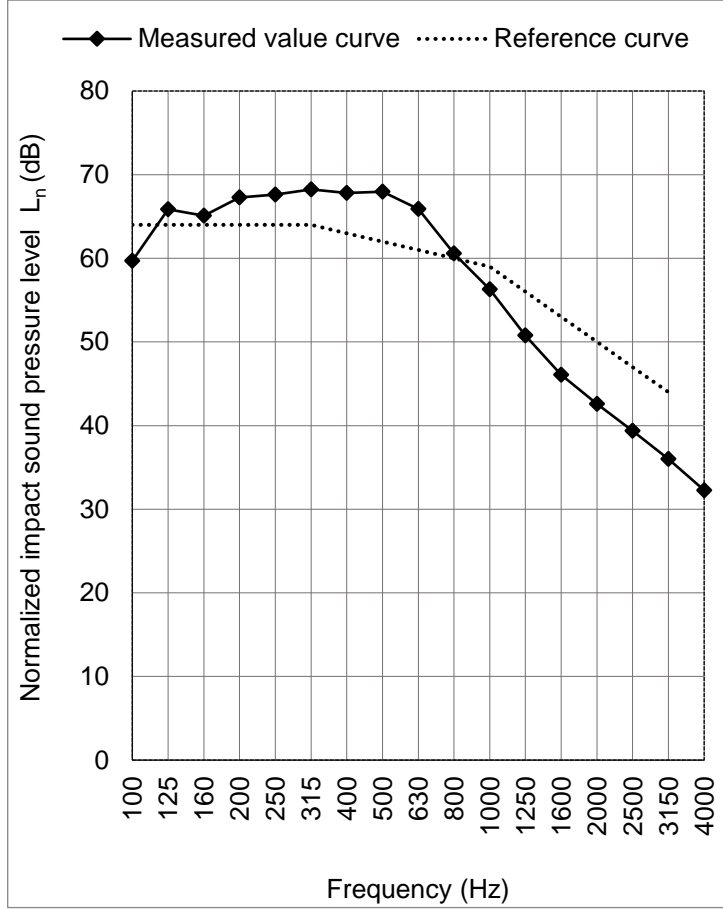
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IV. Test Result

f Hz	L _n dB
100	59.7
125	65.8
160	65.1
200	67.3
250	67.6
315	68.2
400	67.8
500	67.9
630	65.9
800	60.6
1000	56.3
1250	50.8
1600	46.1
2000	42.6
2500	39.3
3150	36.0
4000	32.3
5000	/



V. Weighted Normalized Impact Sound Pressure Level

Rating according to EN ISO 717-2:2020:

L_{n,w} = 62dB, C₁ = -1dB

Note: L_{n,w} is the weighted normalized impact sound pressure level, based on the test performed with an artificial source under laboratory conditions (engineering method) with the specified reference floor.

C₁ is the spectrum adaptation term for L_{n,w}, the corresponding spectrum correction should be added.



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2. Test Item: Impact Sound Improvement

I. Test Method

EN ISO 10140-1:2021 Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products, Annex H

II. Sample Details

Dimensions	1524mm×230mm×8mm
Surface density	About 14.61kg/m ²

III. Test Condition

Ambient temperature	15.5°C	Relative humidity	57.9%RH
The source room Volume	70m ³	The receiving room Volume	85m ³
Description of test arrangement	Test Area: 11.93m ² (3.91m×3.05m) The test sample is laid directly on the 140mm thick prefabricated floor.		



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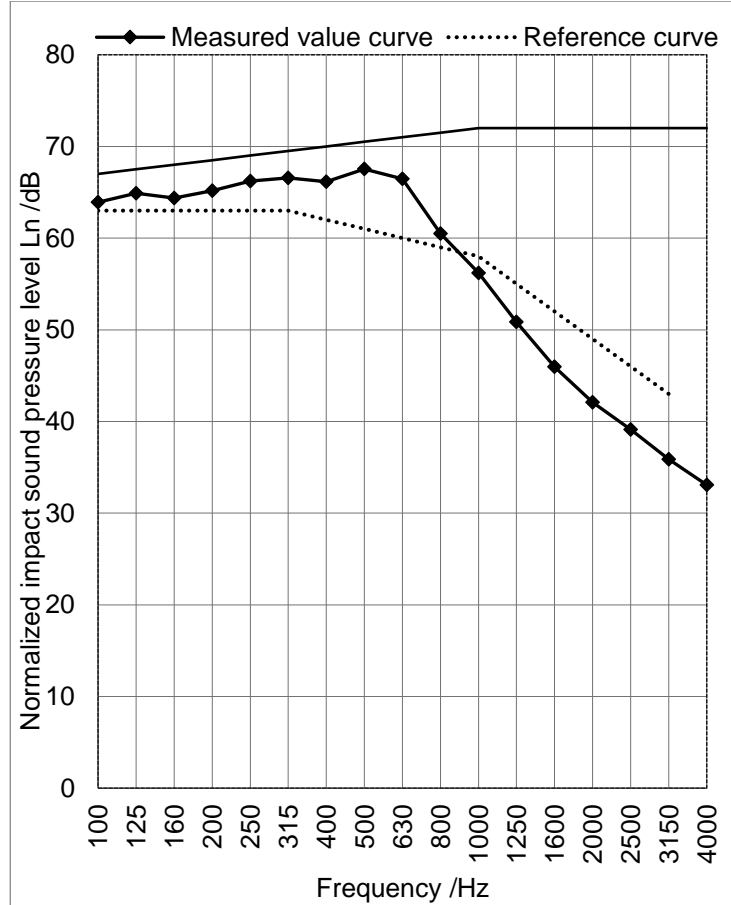
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IV. Test Result

f Hz	$L_{n,r,0}$ dB	$L_{n,r}$ dB	ΔL dB
100	67.0	63.9	3.1
125	67.5	64.9	2.6
160	68.0	64.4	3.6
200	68.5	65.2	3.3
250	69.0	66.2	2.8
315	69.5	66.6	2.9
400	70.0	66.2	3.8
500	70.5	67.5	3.0
630	71.0	66.5	4.5
800	71.5	60.5	11.0
1000	72.0	56.2	15.8
1250	72.0	50.9	21.1
1600	72.0	46.0	26.0
2000	72.0	42.1	29.9
2500	72.0	39.1	32.9
3150	72.0	35.9	36.1
4000	72.0	33.1	38.9
5000	/	/	/



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V. Weighted Reduction of Impact Sound Pressure Level

Rating according to EN ISO 717-2:2020:

$L_{n,r,w} = 61\text{dB}$, $\Delta L_w = 17\text{dB}$, $C_{i,r} = 0\text{dB}$, $C_{i,\Delta} = -11\text{dB}$

Note: $L_{n,r,w}$ is the weighted normalized impact sound pressure level, ΔL_w is the weighted reduction impact sound pressure level, based on the test performed with an artificial source under laboratory conditions (engineering method) with the specified reference floor.

$C_{i,r}$ is the spectrum adaptation term for $L_{n,r,w}$, $C_{i,\Delta}$ is the spectrum adaptation term for ΔL_w . In the case of the actual sound source impact, the corresponding spectrum correction should be added.

Note: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

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



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