

## TEST REPORT

No. : CZIN2508000329CM01\_EN

Date : 2025-08-26

Page: 1 of 5



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

Sample Name : SPC WALL PANEL

Product Specification : 2400\*465\*5MM

Manufacturer : CHANGZHOU HUAREN DECORATIVE MATERIAL CO., LTD

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.

\*\*\*\*\*

SGS Ref. No. : NBIN2507000122CM04

Date of Receipt : 2025-08-12

Testing Period : 2025-08-12 ~ 2025-08-26

Test Location : No.3 East Hehai Road, Tianning District, Changzhou City, Jiangsu,  
China

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 (Changzhou) Co., Ltd..

Jack Zhang  
Authorized signatory



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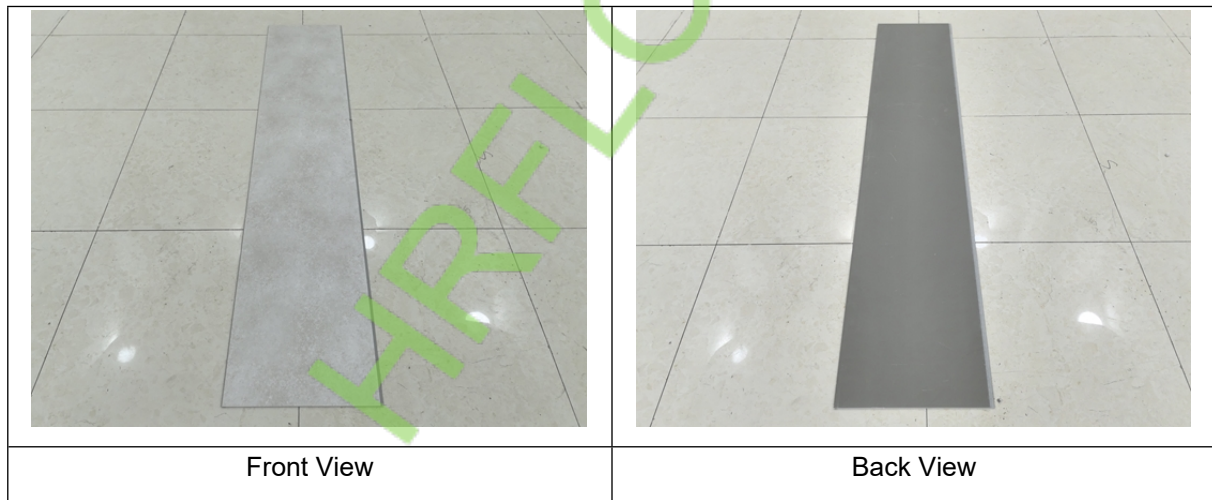
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Sound Reduction Index	EN ISO 10140-2:2021	See Result	N/A

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

### Original Sample Photo(s):



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Test Item: Sound Reduction Index

### I. Test Method

EN ISO 10140-2:2021 Acoustics - Laboratory Measurement of Sound Insulation of Building Elements - Part 2: Measurement of Airborne Sound Insulation

### II. Sample Details

Dimensions	2400mm×465mm×5.0mm
Surface Density	About 10.62kg/m <sup>2</sup>

### III. Test Condition

Ambient Temperature	29.0℃	Ambient Humidity	72.7%RH
Source Room Volume	96m <sup>3</sup>	Receiving Room Volume	85m <sup>3</sup>
Description of Test Arrangement	<p>Test Area: 1.13m<sup>2</sup> (2.40m×0.47m)</p> <p>There is no decoration on the surface of the sample. Install it to the test hole. The joint between the sample and the test hole is sealed with cement mortar.</p>		



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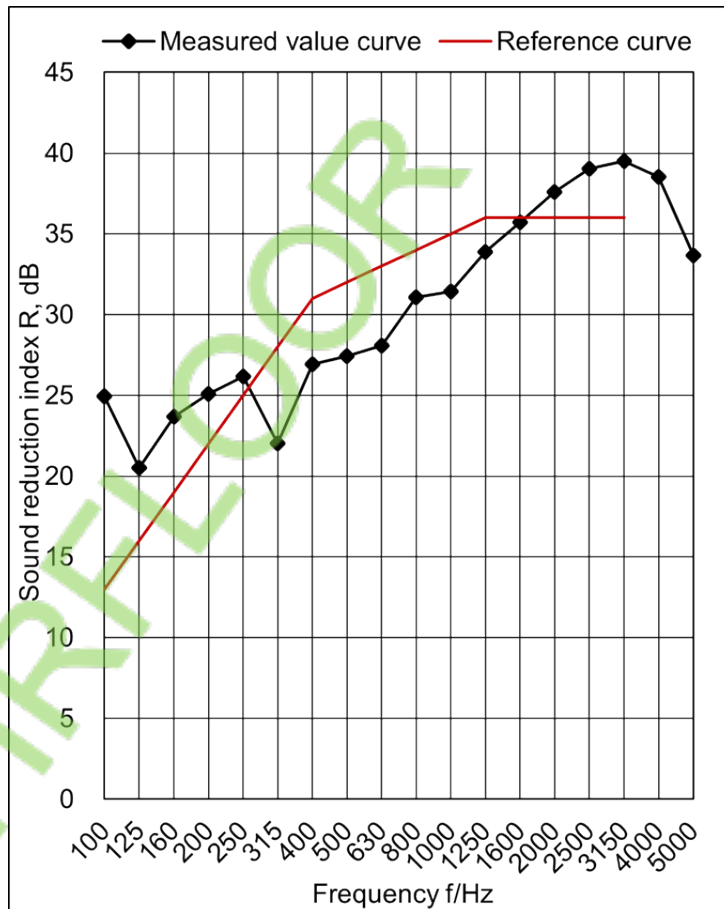
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### IV. Test Result

Frequency f/Hz	Sound Reduction Index R/dB
100	24.9
125	20.5
160	23.7
200	25.1
250	26.2
315	22.0
400	26.9
500	27.4
630	28.1
800	31.1
1000	31.4
1250	33.9
1600	35.7
2000	37.6
2500	39.0
3150	39.5
4000	38.5
5000	33.7



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### V. Weighted Sound Reduction Index

Rating according to EN ISO 717-1:2020:

$R_w (C; C_{tr})$ : 32(-1; -3)dB

With spectrum correction C (spectrum 1), the weighted sound insulation value is  $R_w + C = 31$ dB.

With spectrum correction  $C_{tr}$  (spectrum 2), the weighted sound insulation value is  $R_w + C_{tr} = 29$ dB.

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

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



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