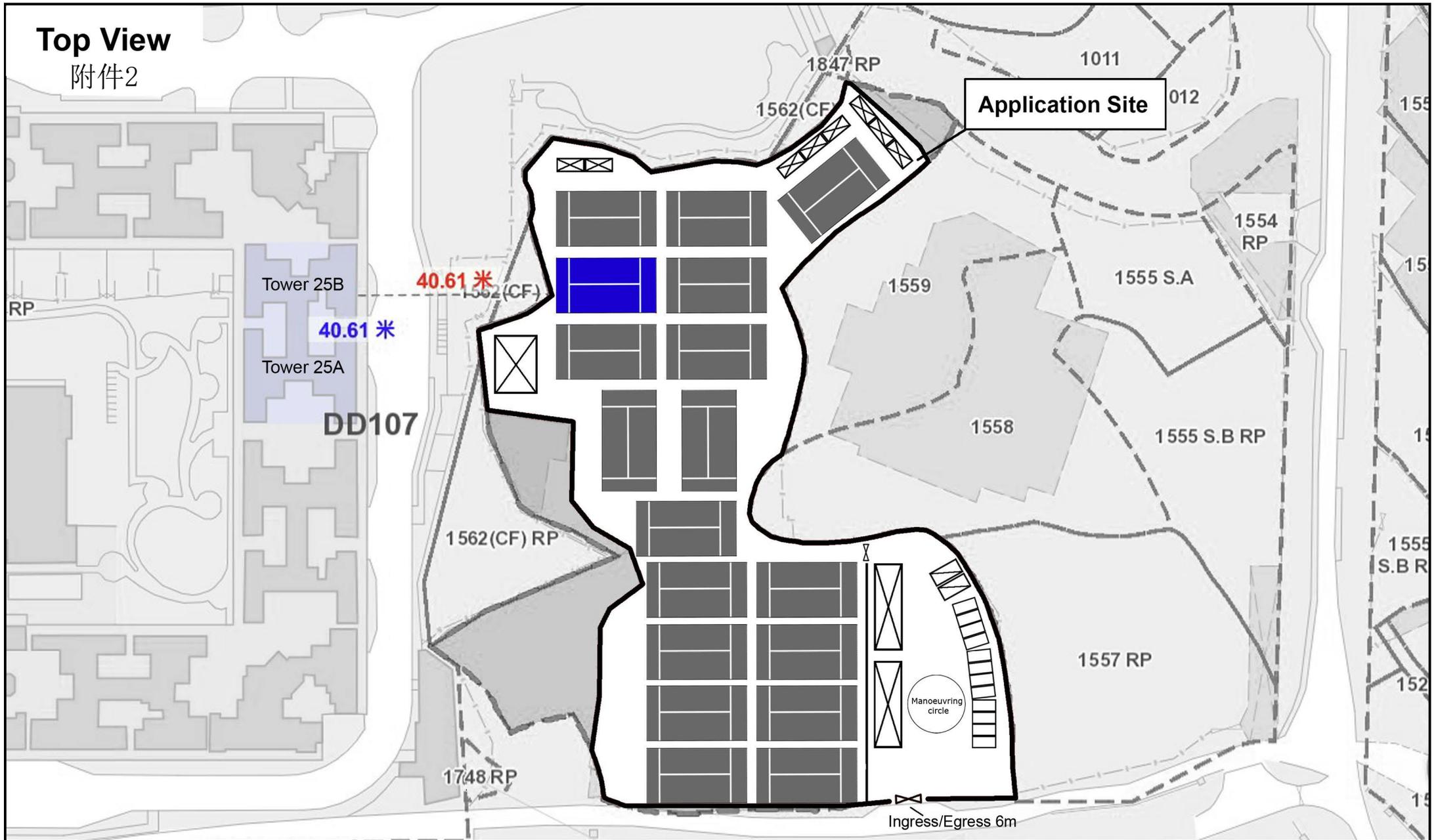


Top View

附件2



Project 項目名稱:
 Proposed Temporary Place of Recreation, Sports or Culture (Padel Tennis) with Ancillary Eating Place and Shop and Services for a Period of 3 Years at Lot 1560 (Part) in D.D. 107 and Adjoining Government Land, Kam Tin, Yuen Long, New Territories

Drawing Title 圖紙標題:
 Line of sight Plan (Top View)

Drawing No. 圖號:
 20260309

Remarks 備註:

- Private car parking Space
- Light goods vehicle
- Padel tennis court
- Structure



The view of the padel tennis court from the resident's perspective.

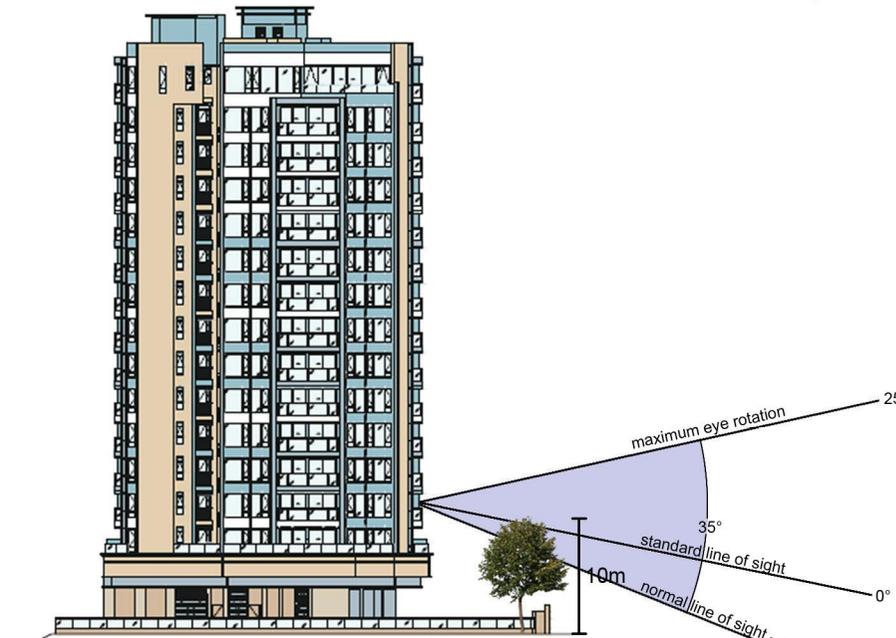


The view of the Park Yoho Tower 23,25 & 26 from the padel tennis court perspective.

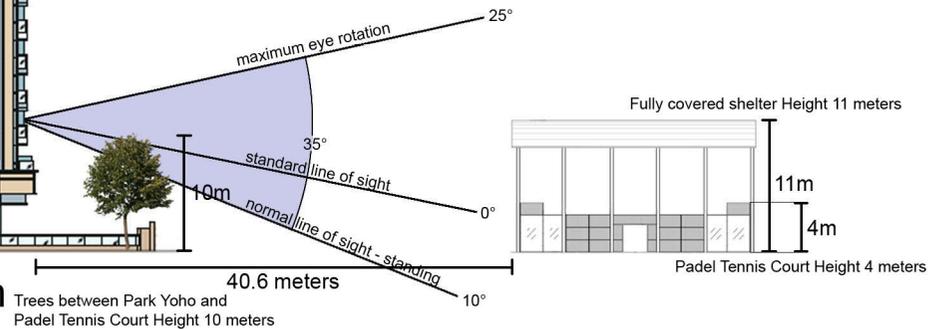
Tower 25A Tower 25B



Front Elevation



Side Elevation



Project 項目名稱:
 Proposed Temporary Place of Recreation, Sports or Culture (Padel Tennis) with Ancillary Eating Place and Shop and Services for a Period of 3 Years at Lot 1560 (Part) in D.D. 107 and Adjoining Government Land, Kam Tin, Yuen Long, New Territories

Drawing Title 圖紙標題:
 Line of sight Plan (Side View)

Drawing No. 圖號:
 20260309

Remarks 備註:

球場帳篷的 PVC 隔音布



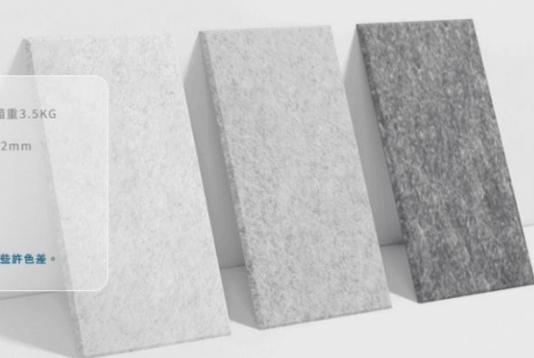
申請地點圍牆上的立體纖維吸隔音板

產品規格

吸隔音板 **吸音板**

90s立體纖維吸隔音板	重量:每箱重3.5KG
材質:100%聚酯纖維、高密度PVC	厚度:10.2mm
包裝:5片/1箱	
尺寸:60x30cm(單片)	

吸音板與吸隔音板為不同產品，生產批次不同，顏色上會有些許色差。



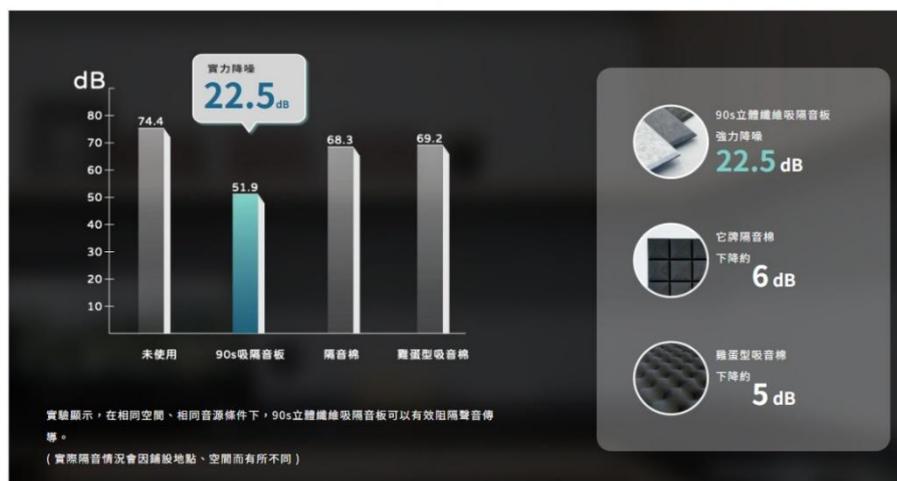
吸音 隔音

100% 聚酯纖維

多孔的材質結構
可減少聲音反彈
避免空間產生回音及雜音

高分子隔音底板

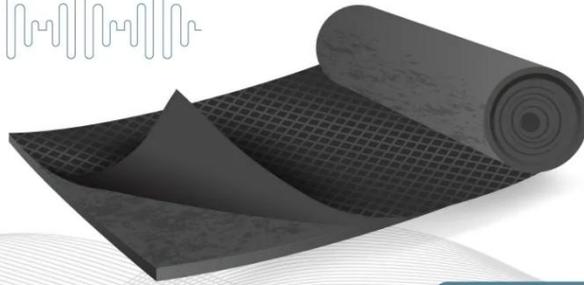
無微孔的高密度隔音材料
有效隔絕聲音穿透
經實驗證實可降低約20分貝
聲音趁虛而入？沒可能。



球場的吸音地毯

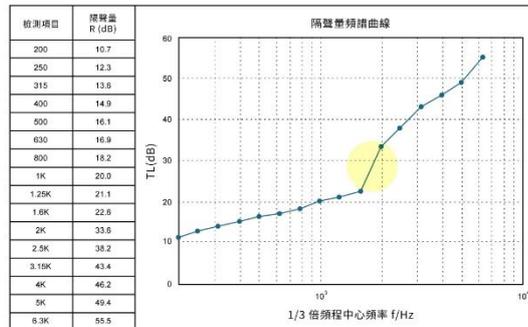
Sound Insulation Felt 高密度隔音毯

尺寸: 1m(寬) * 5m(長); 約1.5坪
重量: 17kg
厚度: 2mm



實測隔音 22dB

隔音測試報告



Rw=27.04[dB]

隔音效果大約在1600Hz大幅的提升
1600Hz時達到22.6dB、2000Hz時達到33.6dB

TEST REPORT

No. : GZIN2001000014SC

Date : Jan 20, 2020

Page: 1 of 4

CUSTOMER NAME:

ADDRESS:

Sample Name : PVC SOUND BARRIER THICKNESS 2CM

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 : Jan 02, 2020

Testing Start Date : Jan 02, 2020

Testing End Date : Jan 20, 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. GZ Branch Testing
Center

Quincey lee
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Materials Laboratory

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TEST REPORT

No. : GZIN2001000014SC

Date : Jan 20, 2020

Page: 2 of 4

I. Condition

- 1) Volume of source room:88.6m³, Volume of receive room :67.9m³;
- 2) Temperature: 21°C; Relative humidity: 71%.

II. Accordance

According to GB/T 19889.3-2005/ISO 140-3:1995 'Acoustics-Measurement of sound insulation in buildings and of building elements-Part 3: Laboratory measurements of airborne sound insulation of building elements' and GB/T50121-2005 ' Rating standard of sound insulation in buildings' and GB 50118-2010 ' Code for design of sound insulation of civil buildings'.

The sound reduction index R is calculated by the following equation:

$$R = L_{p1} - L_{p2} + 10 \lg \frac{S}{A} \quad (dB) \quad (1)$$

Where

L_{p1} is the average sound pressure level in the source room, in decibels;

L_{p2} is the average sound pressure level in the receiving room, in decibels;

S is the area of the test specimen, in square meters, which is equal to the free test opening (10.3m²);

A is the equivalent sound absorption area in the receiving room, in square meters.

III. Instruments

B&K 2270 Investigation

Power amplifier B&K 2716

Omni directional speaker B&K 4292

Microphone B&K 4189 and accessories.



TEST REPORT

No. : GZIN2001000014SC

Date : Jan 20, 2020

Page: 3 of 4

IV. Test Results

Specifications	PVC SOUND BARRIER, with an area of 6.2m ² , is installed in the opening of sound insulation laboratory and is sealed with 500mm thick composite sound insulation wall around it. (Composite wall sound insulation Rw = 65dB).																																																										
Test project	Airborne Sound Insulation																																																										
Test results																																																											
f (Hz)	R (dB)	<p style="text-align: center;">Frequency Characteristic Curve of Air Acoustic Insulation</p> <table border="1" style="display: none;"> <caption>Data for Frequency Characteristic Curve of Air Acoustic Insulation</caption> <thead> <tr> <th>Frequency (Hz)</th> <th>Measured R (dB)</th> <th>Reference R (dB)</th> </tr> </thead> <tbody> <tr><td>100</td><td>17.8</td><td>9.0</td></tr> <tr><td>125</td><td>20.0</td><td>12.0</td></tr> <tr><td>160</td><td>16.4</td><td>15.0</td></tr> <tr><td>200</td><td>14.7</td><td>18.0</td></tr> <tr><td>250</td><td>19.5</td><td>21.0</td></tr> <tr><td>315</td><td>22.0</td><td>24.0</td></tr> <tr><td>400</td><td>22.6</td><td>27.0</td></tr> <tr><td>500</td><td>24.4</td><td>28.0</td></tr> <tr><td>630</td><td>25.6</td><td>29.0</td></tr> <tr><td>800</td><td>26.4</td><td>30.0</td></tr> <tr><td>1000</td><td>26.5</td><td>31.0</td></tr> <tr><td>1250</td><td>28.5</td><td>32.0</td></tr> <tr><td>1600</td><td>30.3</td><td>32.0</td></tr> <tr><td>2000</td><td>32.7</td><td>32.0</td></tr> <tr><td>2500</td><td>33.6</td><td>32.0</td></tr> <tr><td>3150</td><td>35.2</td><td>32.0</td></tr> <tr><td>4000</td><td>37.1</td><td>32.0</td></tr> <tr><td>5000</td><td>38.2</td><td>32.0</td></tr> </tbody> </table>	Frequency (Hz)	Measured R (dB)	Reference R (dB)	100	17.8	9.0	125	20.0	12.0	160	16.4	15.0	200	14.7	18.0	250	19.5	21.0	315	22.0	24.0	400	22.6	27.0	500	24.4	28.0	630	25.6	29.0	800	26.4	30.0	1000	26.5	31.0	1250	28.5	32.0	1600	30.3	32.0	2000	32.7	32.0	2500	33.6	32.0	3150	35.2	32.0	4000	37.1	32.0	5000	38.2	32.0
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Rw(C;Ctr)	28 (-1;-4)																																																										



SGS-CSTC (China) Technical Services Co., Ltd.
Guangzhou Branch Testing Center Materials Laboratory

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TEST REPORT

No. : GZIN2001000014SC

Date : Jan 20, 2020

Page: 4 of 4

V. Sample photo



Note:

1. The above test was carried out by Subtropical Architecture Institute South China University of Technology.
2. 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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TEST REPORT

No. : CZIN2309000076CM01_EN

Date : 2023-09-26

Page: 1 of 4

CUSTOMER NAME:

ADDRESS:

Sample Name : ENA SOUND INSULATION BOARD
 Thickness : 9mm
 Density : 300 kg/m³
 Manufacturer : ENA FACTORY
 Supplier : FLIGHT MUSIC CENTRE LIMITED
 Style No : NE-100
 Color : GERY

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. : AJFS2309008483OS
 Date of Receipt : 2023-09-13
 Testing Period : 2023-09-13 ~ 2023-09-26
 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
SGS-CSTC Standards Technical
Services (Changzhou) Co., Ltd..

Tiffany Liu
Authorized signatory



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TEST REPORT

No. : CZIN2309000076CM01_EN

Date : 2023-09-26

Page: 2 of 4

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Sound Absorption Coefficient	ASTM C423-23	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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TEST REPORT

No. : CZIN2309000076CM01_EN

Date : 2023-09-26

Page: 3 of 4

Test Item: Sound Absorption Coefficient

I. Test Method

ASTM C423-23 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method

II. Sample Details

Dimensions	2400mm × 1200mm × 9mm
Surface Density	About 1.67kg/m ²

III. Test Condition

Ambient Temperature	26.4°C	Relative Humidity	75.8%RH
Volume Reverberation Room	260m ³	Test Area	10.80m ² (3.60m×3.00m)
Description of Test Arrangement	<p>The installation of samples refers to type A mounting.</p> <p>The sample is directly laid on the ground in the reverberation room, and the perimeter edges of the sample are covered with caulking compound.</p>		

IV. Test Result

Average Absorption Coefficient $\bar{\alpha}$ (100Hz~5000Hz): 0.36

Average Absorption Coefficient SAA (200Hz~2500Hz):0.30

Noise Reduction Coefficient: NRC=0.30

Note: NRC is the arithmetic average of absorption coefficient contained four octave frequency bands (250, 500, 1000, 2000 Hz).



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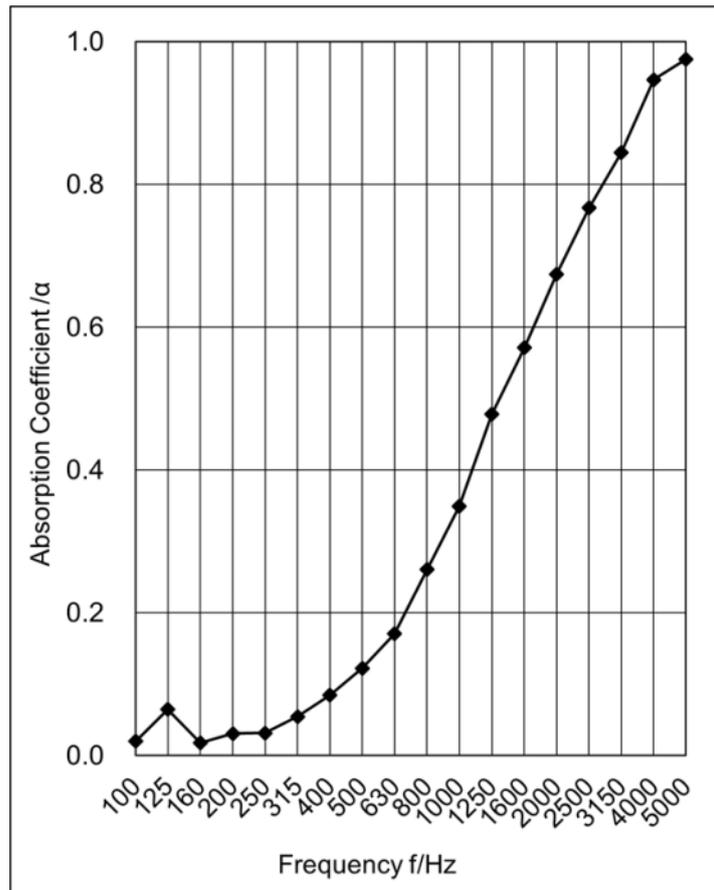
TEST REPORT

No. : CZIN2309000076CM01_EN

Date : 2023-09-26

Page: 4 of 4

Frequency Hz	Absorption Coefficient, α
100	0.02
125	0.06
160	0.02
200	0.03
250	0.03
315	0.05
400	0.08
500	0.12
630	0.17
800	0.26
1000	0.35
1250	0.48
1600	0.57
2000	0.67
2500	0.77
3150	0.84
4000	0.95
5000	0.98
$\bar{\alpha}$	0.36
SAA	0.30
NRC	0.30



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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