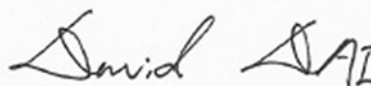


**CUSTOMER NAME:** Akudeco**ADDRESS:** PO BOX 51, 5060 AB, Oisterwijk

Following 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:

**Sample Name** : Wooden Slat Panel**Manufacturer** : Akudeco**Other Information** : Item No: 27-13 country of origin: CHINA**SGS Ref No.** : GZHL2206116919SD**Date of Receipt** : 2022-06-21**Testing Start Date** : 2022-06-29**Testing End Date** : 2022-06-29**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 and on behalf of  
SGS-CSTC Standards Technical  
Services Co., Ltd. Wuhan Branch



David-B Dai  
Technical Manager



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**Report Declaration:**

In the territory of the People's Republic of China, the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc., and just for client internal reference.

In the territory of the People's Republic of China, the test method is not in CMA accredited scope, the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc., and just for client internal reference.

**Manufacture Declaration or Comment:**

None

**Summary of Result(s):**

No.	Test Item	Test Method	Conclusion
1.	*Sound absorption performance	BS EN ISO 354-2003	N/A

**Note:**

Pass: Meet the requirements

Fail: Does not meet the requirements

N/A: Not apply to the judgment

The test item with\*mark was carried out by qualified out company



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[illegible]

### Sample Description: PLS

### Test Method Description:

Reverberation chamber (volume: 288m<sup>3</sup>)

- 1) Six microphones and two loudspeakers are arranged in the reverberation room as required;
- 2) Measure the reverberation time of the empty field reverberation room. The reverberation time measurement at the microphone position needs to be repeated three times;
- 3) Lay the sample in the reverberation room and measure the area of the sound absorption surface of the sample;
- 4) Measure the reverberation time of the reverberation chamber after the test sample is placed;
- 5) The measurement process adopts 1 / 3 octave frequency range, and the frequency (Hz) is as follows:  
100、125、160、200、250、315、400、500、630、800、1000、1250、1600、2000、2500、3150、  
4000、5000、6300、8000、10000;
- 6) Data analysis and calculation.

Test Result:

Center Frequency	Sound Absorption Coefficient	Center Frequency	Sound Absorption Coefficient
( Hz )		( Hz )	
100	0.07	1250	0.85
125	0.29	1600	0.83
160	0.55	2000	0.74
200	0.71	2500	0.63
250	0.82	3150	0.59
315	0.96	4000	0.54
400	1.00	5000	0.45
500	1.00	6300	0.31
630	1.00	8000	0.15
800	0.97	10000	-0.17
1000	0.83	NRC	0.85

Remarks: Specimen area: 13.12m<sup>2</sup>

Conclusion: N/A

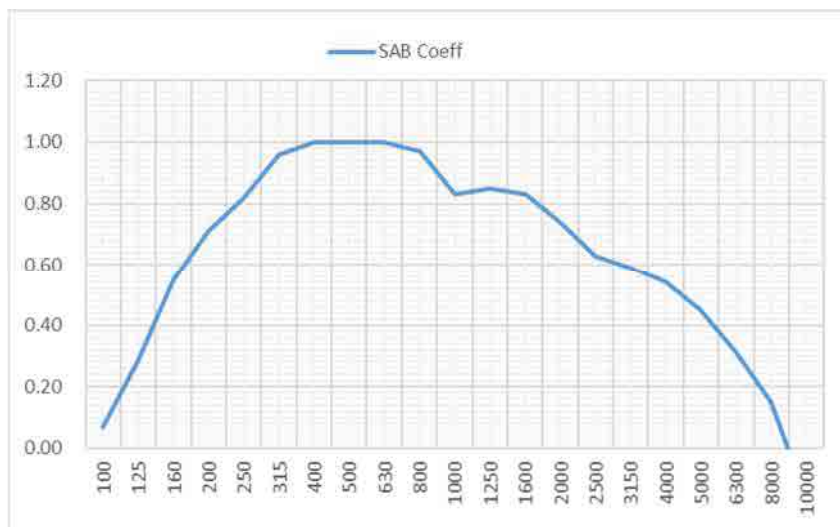


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### Test Curve:



### Test Photo:

WHAT2206006074OH Sample photo (front)	WHAT2206006074OH Sample photo (reverse)
WHAT2206006074OH Testing photo	



## Equipment Information:

Equipment name	Equipment model	Equipment No.	Calibration date	Next calibration date
Vibration and noise analyzer	OR38	WHN-004-1	2021-08-30	2022-08-29
Dodecahedral loudspeaker	DS3	WHN-005	2022-01-03	2023-01-02
Power amplifier	PX3	WHN-010	2021-08-26	2022-08-25
Steel tape	NO.EG-1282	WHTR-365	2022-03-02	2023-03-01
Microphone	Type 333	WHN-003-14~19	2021-11-30	2022-11-29

\*\*\*\*\*End of Report\*\*\*\*\*



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