

SUZHOU SOUNDBETTER ARCHITECTURAL MATERIALS CO., LTD.
NO.388 SUYA ROAD SIP, SUZHOU, JIANGSU, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : SOUNDBETTER PET ACOUSTIC PANEL, T12MM
 Sample Receiving Date : Jun.12, 2018
 Test Performing Date : Jun.12, 2018 to Jun.26, 2018

Test Result Summary

No.	Test item	Test(s) Requested	Result(s)	Comments
1	Sound Absorption Coefficient	GB/T20247-2006/ISO354:2003	Refer to the next pages	/

For further details, please refer to the following page(s)

Signed for and on behalf of
Shunde Branch
SGS-CSTC Co., Ltd.

Peter Zhao
Approved signatory



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Test Information:

Sample description: Polyester fiber board

Part 1:

1. Test item: Sound Absorption Coefficient

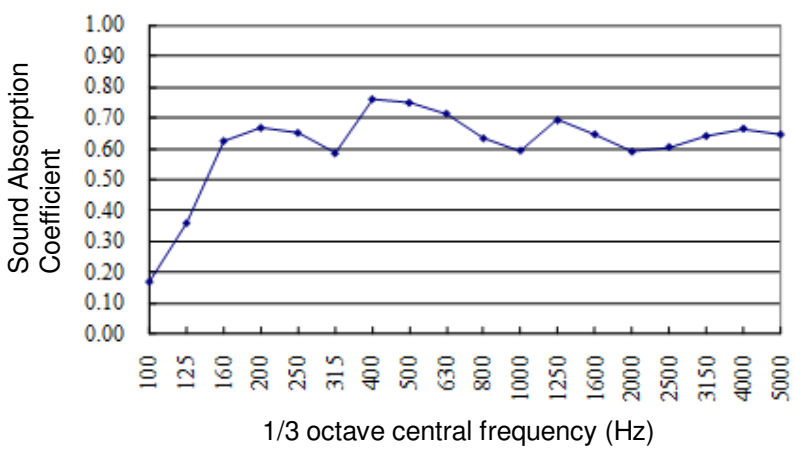
Test method: GB/T20247-2006/ISO354:2003

Test condition:

Volume of reverberation room:200m³

Atmosphere Conditioning: (23±2) °C, (50±5) %RH

Test result:

Construction of tested parts	Polyester fiber board +200mm cavity, covering an area of 10.8m ² , is laid flat in the center of the reverberation chamber floor, and the sides are sealed with 1mm thick steel plate.	
Frequency (Hz)	α_s	And the Sound Absorption Coefficients of the tested specimen are plotted as follows
100	0.17	<p>The characteristic curve of sound absorption frequency of specimen</p> 
125	0.36	
160	0.62	
200	0.67	
250	0.65	
315	0.59	
400	0.76	
500	0.75	
630	0.71	
800	0.63	
1000	0.59	



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1250	0.69
1600	0.65
2000	0.59
2500	0.61
3150	0.64
4000	0.67
5000	0.65

Photo Appendix:



Test photo

Remark:

1. The English version test report is issued according to the applicant's request. The Chinese version is available from SGS if further needed.
2. This test was subcontracted to ACOUSTIC TESTING SERVICES LIMITED.

*** End of Report ***

