

## TEST REPORT

No. : SHCCM13080

Date : Sep. 17, 2013

Page: 1 of 3

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

Sample Name : ACOUSTIC PANEL  
Sample No. : SHCCM130801662  
Test Required : Measurement of sound absorption in a reverberation room  
Test Method : ISO 354:2003  
Product specification : 2440\*1220\*9mm  
  
Date of Receipt : Aug.15, 2013  
Test Period : Aug.15, 2013 to Sep.17, 2013  
Test Results : Please see next pages  
\*\*\*\*\* To be continued\*\*\*\*\*

Signed for SGS-CSTC Standards  
Technical Services Co., Ltd

*Sally Xie*

Sally Xie  
Authorized signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability in communication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its issuance only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



## TEST REPORT

No. : SHCCM13080

Date : Sep. 17, 2013

Page: 2 of 3

### I. Test reference

ISO 354:2003 Acoustics-Measurement of sound absorption in a reverberation room

### II. Sample Details

Area density/ Thickness	1.8kg/m <sup>2</sup> / 9mm
-------------------------	----------------------------

Remark: the above details are provided by client for reference.

### III. Test condition

Ambient temperature	25°C	Relative humidity	70%
---------------------	------	-------------------	-----

### IV. Test result

Noise Reduction Coefficient: NRC=0.80

Note: The test was carried out by external laboratory assessed as competent.

\*\*\*\*\* To be continued\*\*\*\*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its issue and is not intended to be used within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

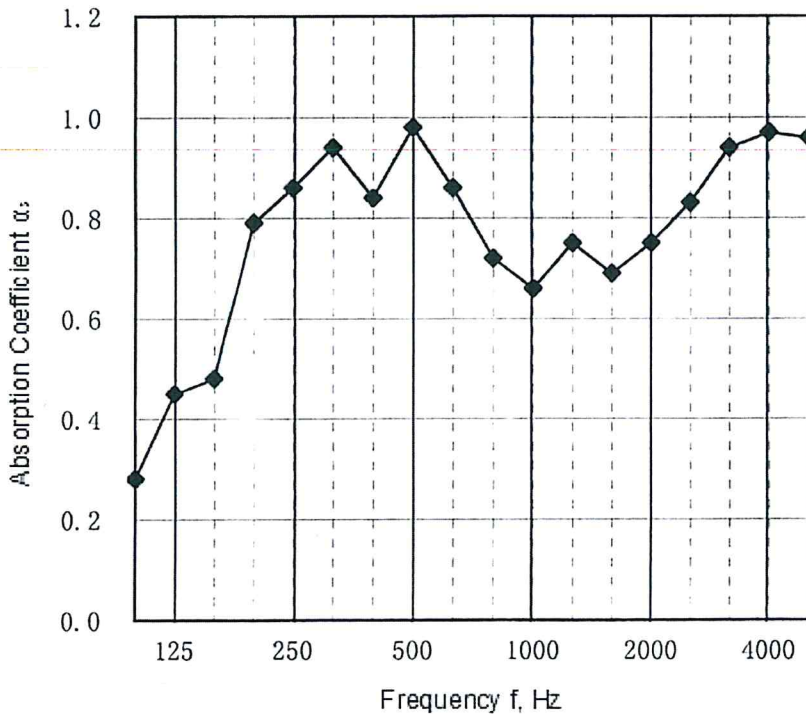


## TEST REPORT

No. : SHCCM13080

Date : Sep. 17, 2013

Page: 3 of 3



Frequency f, Hz	$\alpha_s$ (1/3 oct)
100	0.28
125	0.45
160	0.48
200	0.79
250	0.86
315	0.94
400	0.84
500	0.98
630	0.86
800	0.72
1000	0.66
1250	0.75
1600	0.69
2000	0.75
2500	0.83
3150	0.94
4000	0.97
5000	0.96
6300	/
8000	/

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability in communication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its inspection only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

