



The future of sustainable and fire-resistant construction

Acoustics

Acoustics MAGOXX 18mm

SHIN170300783CCM

info@magoxx.com

+31 (0) 88 3748400

www.magoxx.com



TEST REPORT

No. : SHIN170 30078 3CCM

Date : Mar. 28, 2017

Page: 1 of 4

CUSTOMER NAME: SINH BUILDING SOLUTIONS B.V.

ADDRESS: OOSTEINDE 26, 2271 EH, VOORBURG, THE NETHERLANDS

Sample Name : SINHTM BOARD

Specification : thickness18mm

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.

Test Required : Airborne sound transmission loss

Test Method : ASTM E90-09

SGS Ref No. : IN-SH-CP-5612-17019

Date of Receipt : Mar. 22, 2017

Testing Start Date : Mar. 22, 2017

Testing End Date : Mar. 24, 2017

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer to the sample(s) tested)

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

Erin Huang
Authorized signatory



Unless otherwise agreed in writing, 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/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention 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 constitute 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.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1158, East Kang Qiao Road, Pudong District, Shanghai, China, 201319 t:(86-21)61196300 f:(86-21)61191853/98183620 www.sgs.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编:201319 t:(86-21)61196300 f:(86-21)61191853/98183620 e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)



TEST REPORT

No. : SHIN170300783CCM

Date : Mar. 28, 2017

Page: 2 of 4

1. Test reference

- 1) ASTM E90-09 Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements
- 2) ASTM E413-10 Classification for rating sound insulation

2. Sample detail

Dimension/Density	3000mmx1200mmx18mm/17.2kg/m ²
-------------------	--

3. Test condition

Air temperature in the test room	20.1	Air humidity in the test room	35.2%
Source room volume	125m ³	Receiving room volume	100m ³
Description of test arrangement	Area of test samples S is 10 m ²		

4. Test result

Rating according to ASTM E413-10:

Sound transmission class: STC=27 dB

$R_w(C;C_{tr})=27(-2;-2)$; $R_w+C=25dB$; $R_w+C_{tr}=25dB$

Clients requirement: STC>25dB

Conclusion: Pass

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



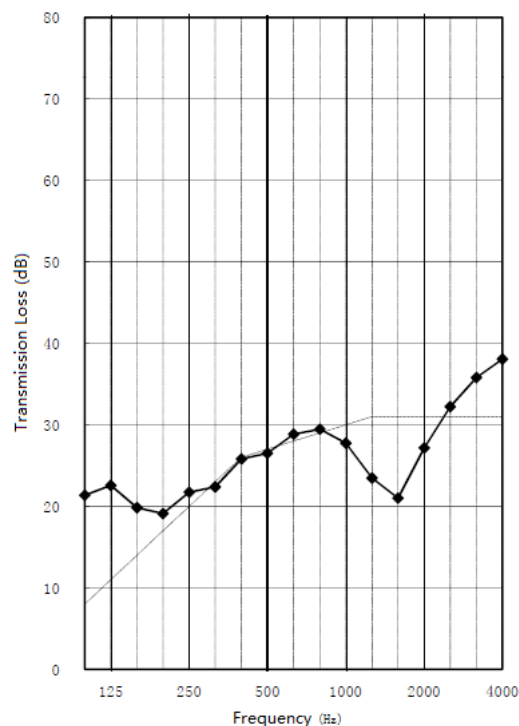
TEST REPORT

No. : SHIN170300783CCM

Date : Mar. 28, 2017

Page: 3 of 4

Frequency f Hz	Value(dB)
100	21.4
125	22.6
160	19.8
200	19.1
250	21.7
315	22.4
400	25.8
500	26.5
630	28.9
800	29.5
1000	27.7
1250	23.5
1600	21.0
2000	27.2
2500	32.2
3150	35.8
4000	38.1



Remark:

----- Frequency range according to ASTM E413-10

———— Curve of STC reference values according ASTM E413-10

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



Unless otherwise agreed in writing, 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/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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 intervention 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 constitute 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.

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.69, Block 1158, East Kang Qiao Road, Pudong District, Shanghai, China, 201319 t:(86-21)61196300 f:(86-21)61191853/98183620 www.sgs.com.cn
中国·上海·浦东康桥东路1159弄69号 邮编:201319 t:(86-21)61196300 f:(86-21)61191853/98183620 e: sgs.china@sgs.com

Member of the SGS Group (SGS SA)



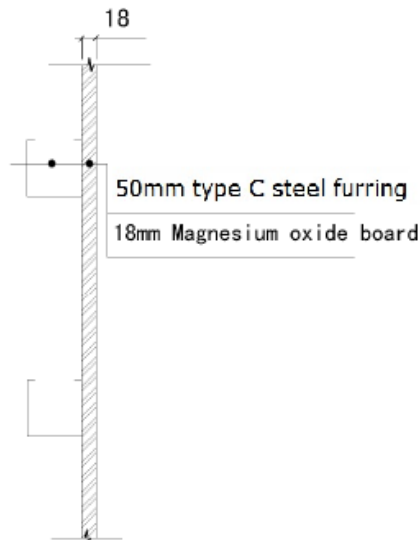
TEST REPORT

No. : SHIN170 30078 3CCM

Date : Mar. 28, 2017

Page: 4 of 4

Structure:



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

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



The future of sustainable and fire-resistant construction

MAGOXX B.V.
Caballero Fabriek
Saturnusstraat 60, Unit 71
2516 AH The Hague
The Netherlands
+31 (0) 88 3748400