



## TEST REPORT

No. : SHCCM141202665

Date : Jan. 15, 2015

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AUSSI ROSSROCK IMPORT PTY LTD.

36-40 LIPSON STREET PORT ADELAIDE SOUTH AUSTRALIA 5015 AUSTRALIA

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

Sample Name : MgO BOARD SANDWICHED EPS PANEL  
Sample No. : SHCCM141202665  
Test Required : Airborne sound insulation  
Test Method : ISO 10140-2:2010  
Product specification : AR-MEGAPANEL  
Date of Receipt : Dec. 22, 2014  
Test Period : Dec. 22, 2014 to Jan. 15, 2015  
Test Results : Please see next pages

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

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

Tiffany Liu  
Authorized signatory



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center for Mechanical and Electrical Laboratory

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## 1. Test reference

- 1) ISO 10140-2:2010 Acoustics - Laboratory measurement of sound insulation of building elements - Part 2: Measurement of airborne sound insulation
- 2) ISO 717-1:2013 Rating of sound insulation in buildings and of building elements. Part 1: Airborne sound insulation

## 2. Test condition

Air temperature in the test room	19.9°C	Air humidity in the test room	23.3%
Source room volume	125m <sup>3</sup>	Receiving room volume	100m <sup>3</sup>
Description of test arrangement	Area of test samples S is 10m <sup>2</sup>		

## 3. Test result

Rating according to ISO 717-1:2013

Weighted sound reduction index:  $R_w(C;C_{tr})= 27(-2; -4)$ dB

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



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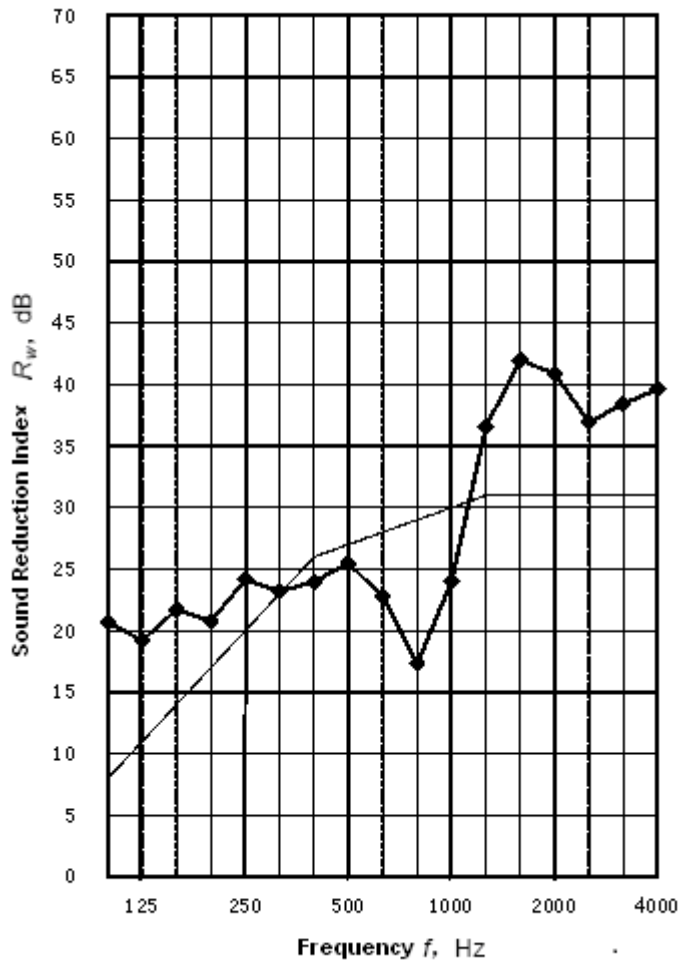
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----- Frequency range according to ISO 717-1:2013

———— Curve of reference values according to ISO 717-1:2013

Frequency f Hz	R <sub>w</sub> (dB)
100	20.7
125	19.2
160	21.7
200	20.8
250	24.2
315	23.2
400	24.0
500	25.5
630	22.8
800	17.3
1000	24.0
1250	36.6
1600	42.0
2000	40.9
2500	36.9
3150	38.4
4000	39.6



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

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

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



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Sample photos:



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



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