

TEST REPORT

No. : GZCCM131200916-10

Date : Feb. 19, 2014

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ARTBOARD AB

Årvältsvägen 14 861 36 Timrå, Sweden

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

Sample Name : Artboard/Recore light floor G2
Material : Glassfibre and Phenolic Resin
Spec. : 18mm thickness
Manufacturer : Artboard AB
Test Performed : Selected test(s) as requested by applicant
Date of Receipt : Dec.31, 2013
Test Period : Dec. 31, 2013 to Jan. 17, 2014

Test result(s) : Please refer to the following page(s)

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co.,Ltd
Guangzhou Branch



Chandler Wu
Technical Engineer



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SGS-CSTC Standards Technical Services Co.,Ltd.
Guangzhou Branch Testing Service

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Test Information:

Sample description: Floor(See photo)

Test item: Sound insulation test

I. Test reference

1. ISO 717-1:2013 Acoustics - Rating of Sound Insulation in Buildings and of Building Elements - Part 1: Airborne Sound Insulation
2. ISO140-3:1995 Acoustics- measurement of building and construction noise – Part 3: Laboratory measurement of sound insulation of building elements

II. Sample Details

Sample Details	Thickness: 18mm
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Remark: the above details are tested by Lab.

III. Test condition

Ambient temperature	19.5℃	Relative humidity	23.8%
Description of test arrangement	<ol style="list-style-type: none"> 1. Test specimen: 1002×1002×18mm, Surface density 8.6kg/m². 2. The sample surface is without any decoration. The test specimen is installed by splicing and the seam with the glass sealant. 3. Testing machine is RTA840 system. 		

IV Test result

According to the rating of sound Insulation in buildings and of building elements of the standard ISO 717-1:2013:

- (1) If Adoption of the spectrum correction C (spectrum 1), the weighting sound reduction index ($R_w + C$) is 25dB.
- (2) If Adoption of the spectrum correction C (spectrum 2), the weighting sound reduction index ($R_w + C_{tr}$) is 24dB.

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



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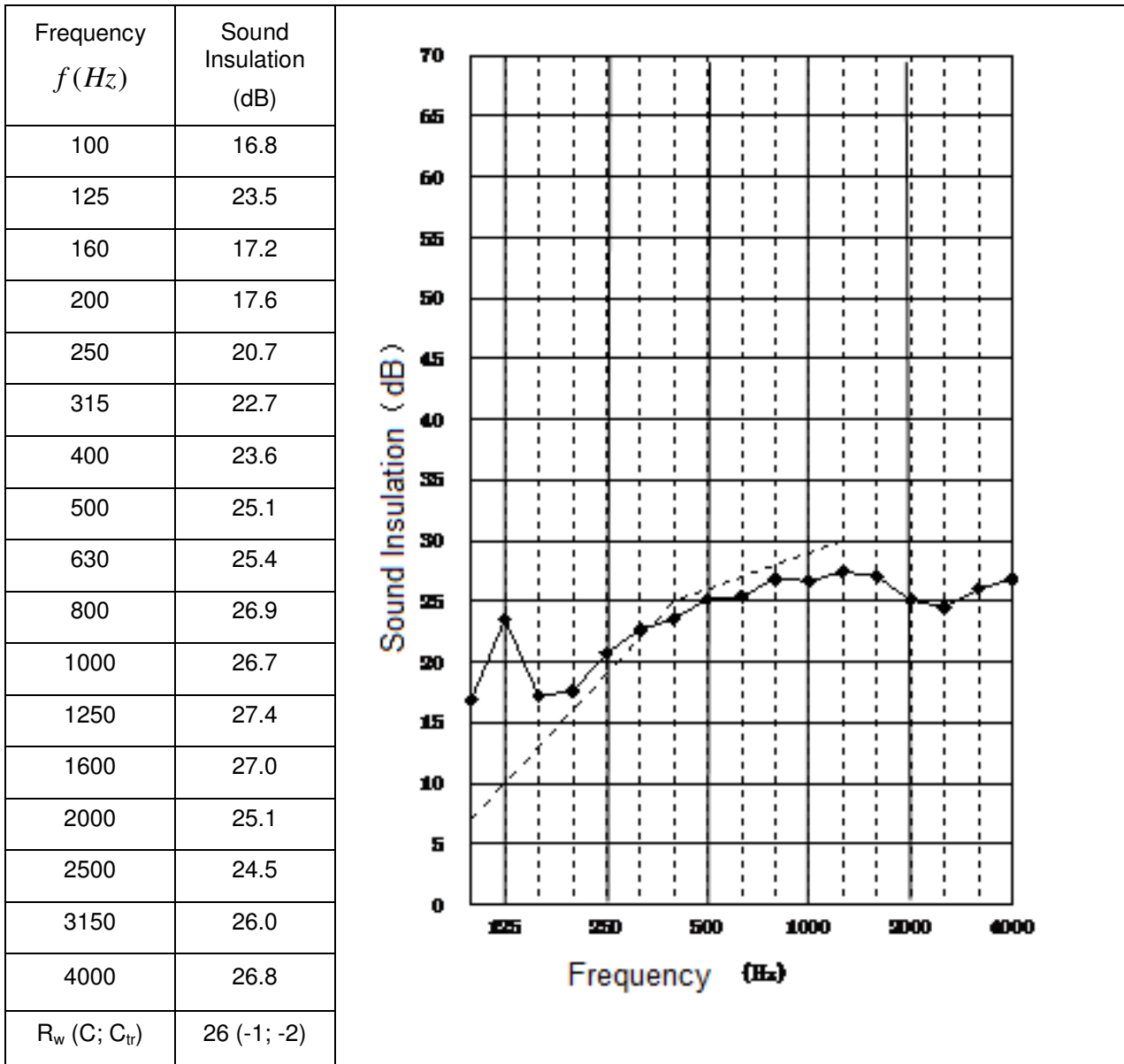
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***** To be continued*****



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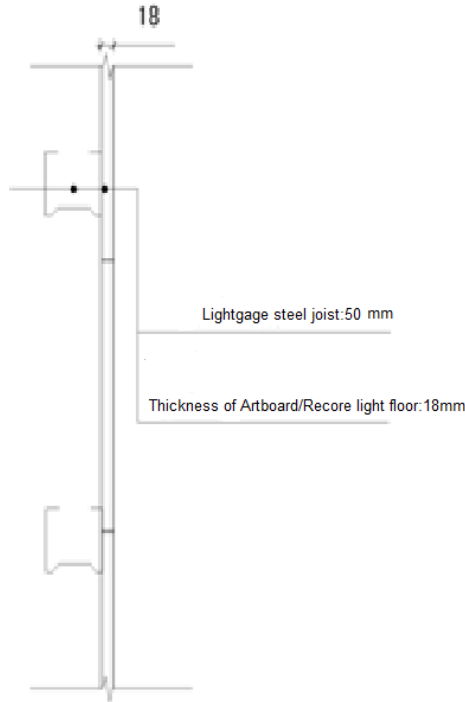
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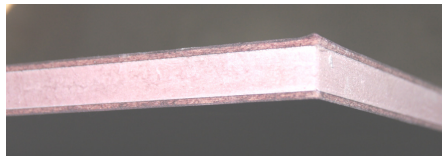
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Material structure schematic diagram:



Material schematic figure:



Note: 1. R_w is weighting sound reduction index.

2. C, C_{tr} are Spectrum correction (C is used for building internal between two space, and C_{tr} is used for building external between two space)

3. The above test was carried out by an external laboratory assessed as competent.

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



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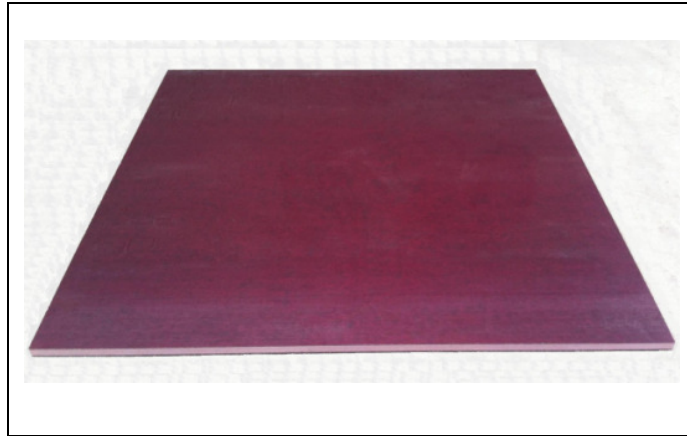
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Photo:



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



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