TEST REPORT

REPORT NUMBER:AU09114012-1
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EVALUATION CENTER

Intertek Testing Services Ltd., Shanghai Jinqiao Branch
Building T52-8, No. 1201 Gui Qiao Road,
Jinqiao Development Area, Pudong District
Shanghai 201206

RENDERED TO

Changzhou Haichen Packing Material Co., Ltd.
Cuiwei Road Shuangrong Village Henglin town Wujin district

PRODUCT EVALUATED
EVA silent pad
Model: EVA30-L

EVALUATION PROPERTY
Impact Sound Transmission

Report of Testing EVA silent pad- EVA30-L for compliance with the applicable requirements of the following criteria: *ASTM E492-09:Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine.*

1 Table of Contents

2 Introduction

Intertek has conducted testing for Changzhou Haichen Packing Material Co., Ltd. on EVA silent pad- EVA30-L to evaluate the effectiveness in impact sound transmission. This evaluation began March 26, 2013 and was completed May 16, 2013.

3 Test Samples

3.1. SAMPLE SELECTION

Samples were submitted to Intertek directly from the client. Samples were not independently selected for testing. Samples were received at the Evaluation Center on March 26, 2013.

3.2. SAMPLE AND ASSEMBLY DESCRIPTION

EVA silent pad: 1100mm (Width)
Nominal Thickness: 3.0mm
Model: EVA30-L

Sample photos are referred to Appendix A.

4 Testing and Evaluation Methods

4.1. CONDITIONING

The test specimens were conditioned in ambient atmosphere for 48 hours before testing. The ambient temperature of the source room and receiving room was 21°C, and the relative humidity was 71%.

4.2. TEST METHOD

The specimen was tested in accordance with the ASTM E90, Standard Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine.

Two vertically adjacent rooms are used: the upper one being designated the source room and the lower one the receiving room. A standard concrete floor is installed in an opening between them. The rooms and the floor installation are designed so the only significant sound radiation into the receiving room is from the standard concrete floor.

A standard tapping machine is placed and activated on the standard concrete floor and the impact sound pressure levels are measured in the room below. The floor covering to be evaluated is then placed on the standard concrete floor and the impact sound pressure levels measured again.

4.3. CLASSIFICATION FOR STC

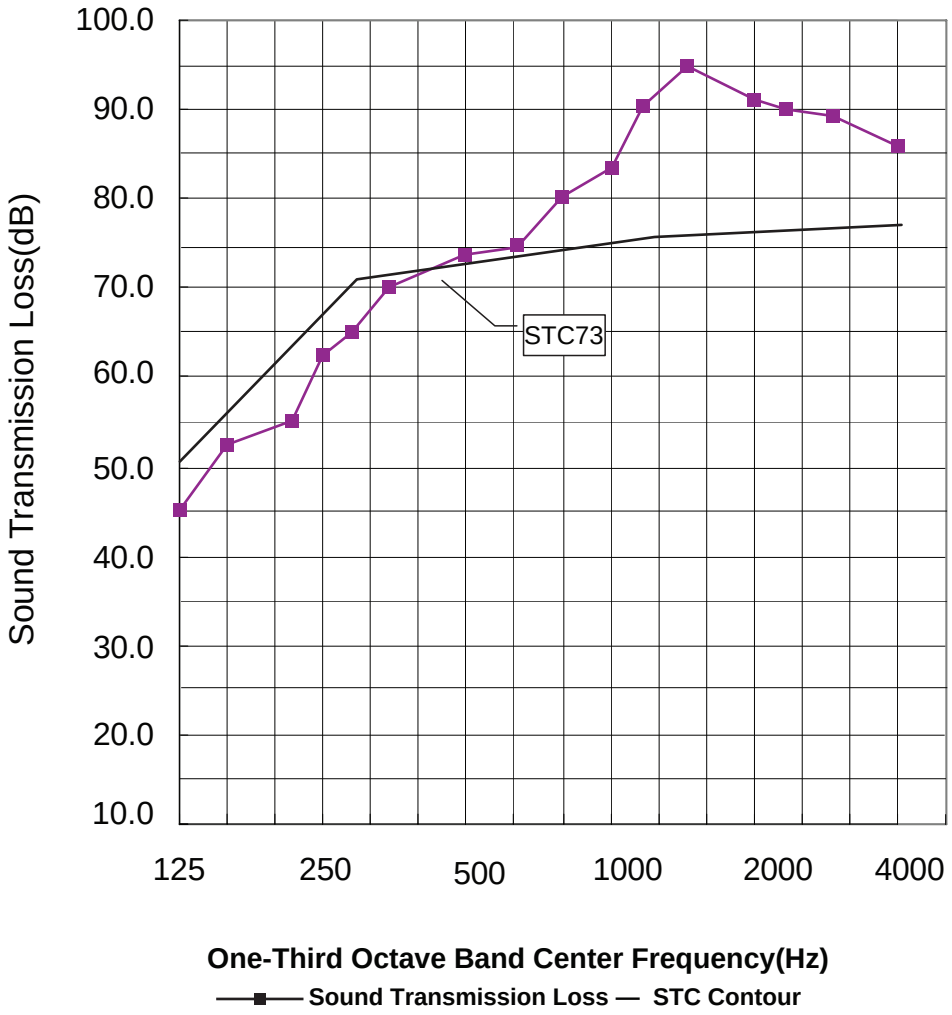
The purpose of the Sound Transmission Class(STC) is to provide a single figure rating that can be used for comparing the sound-insulating properties of partition elements used for general building design purposes. The higher the rating (STC),the greater the sound insulating properties of the partition.

5 Testing and Evaluation Results

5.1. RESULTS AND OBSERVATIONS

The data obtained in the room below the panel normalized to A_0 = 10 square meters, is shown in Table 1 below.

Table 1.Test Results	
1/3 Octave Band Center Frequency	Sound Transmission Loss
Hertz	dB
125	45.1
160	53.1
200	55.5
250	63.5
315	65.3
400	70.2
500	73.9
630	75.2
800	80.3
1000	83.5
1250	92.5
1600	95.3
2000	91.9
2500	90.0
3150	88.3
4000	86.8
Sound Transmission Class(STC)	73



5.2. PRECISION

For the flooring test facility,the 95% confidence interval △TL,is as follows:

Range the One-Third Octave Bands	Transmission Loss 95% Confidence Uncertainty
Hertz	dB
125 and 160	< 3
200 and 250	< 2
315 and 4000	< 1

6 Conclusion

The 3-in-1 Acoustic Foam sampies identified and evaluated in this report have been tested with the specified floor/ceiling system in accordance with ASTM E90-90,Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.It was classifed in accordance with ASTM E413-04:Classification for Rating Sound Insulation.

The results were presented in Section 5 of this test report and the test method employed for this test has no pass-fail criteria.Therefore,the evalauation of the test results is left to the discussion of the client.

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

INTERTEK

Reported by: _____
Star Shi
Engineer, Building Products

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Jodie Zhou
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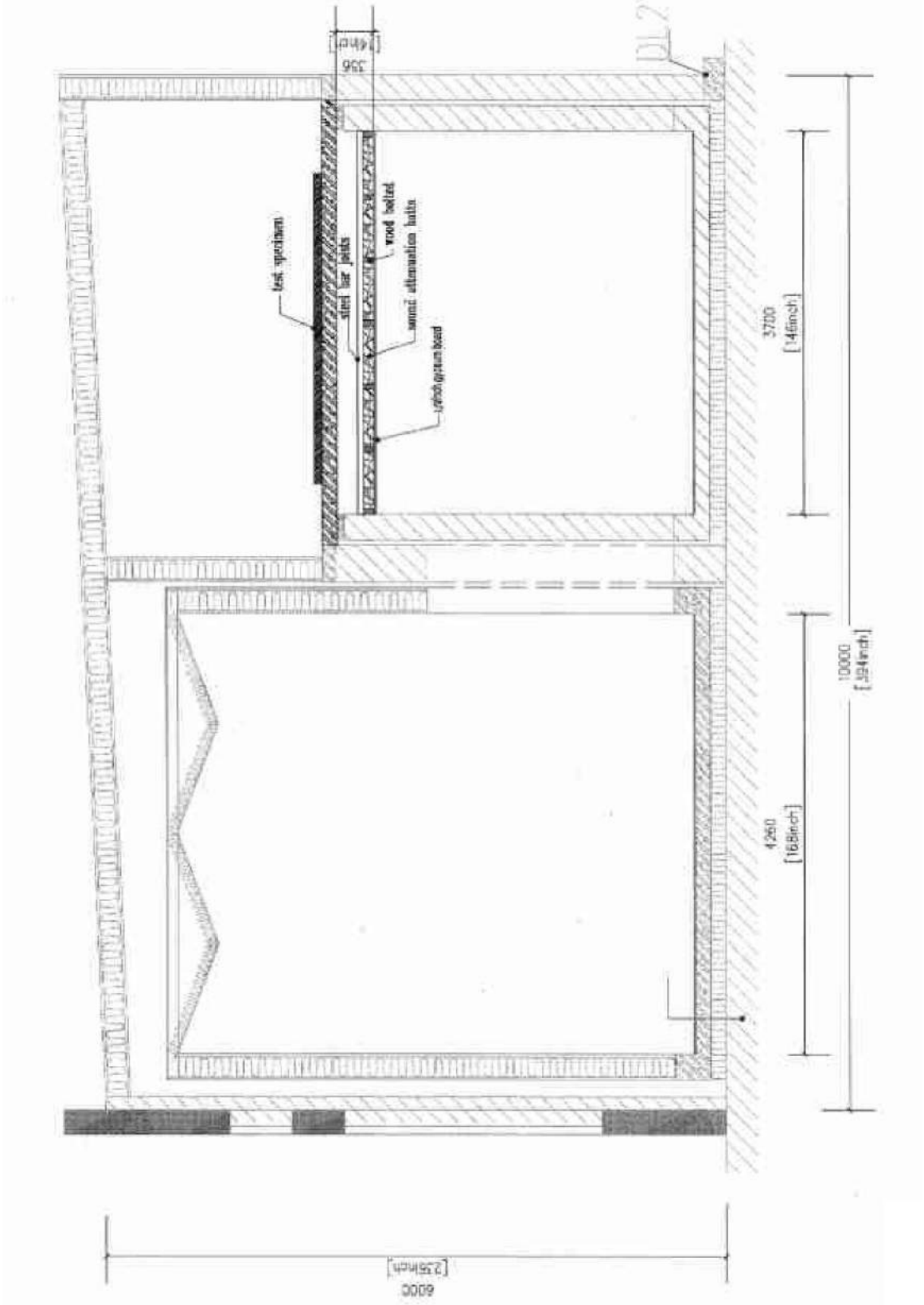
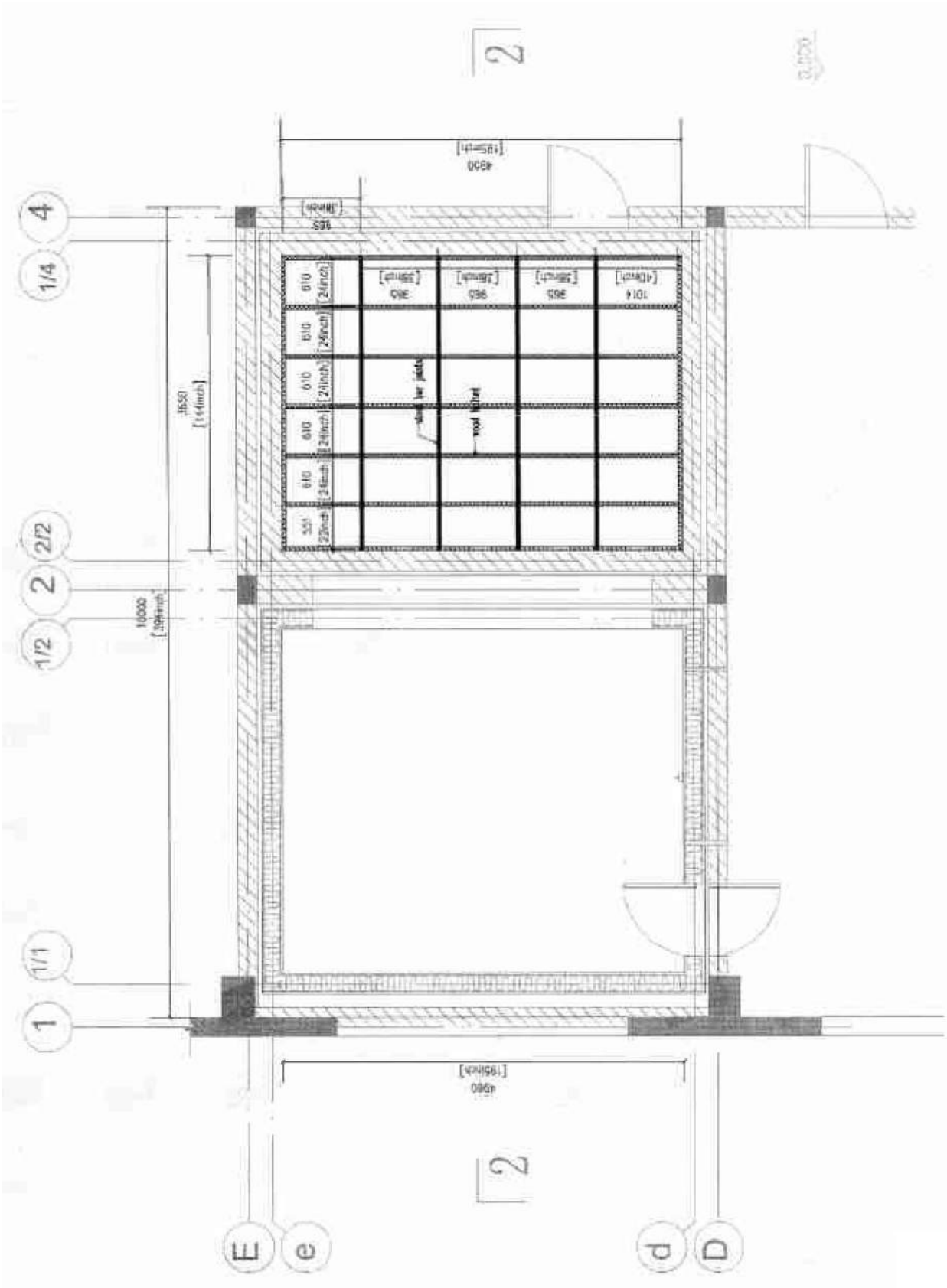
7 Appendix A:Drawings Of Floor/Ceiling Assembly System

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wool layer plastic
wool blanket

8 Revision Page

Revision No.	Date	Changes	Author	Reviewer
0	May 22, 2013	First issue	SunSun	Stanley Zhou

END OF DOCUMENT