

## Test Report

Report Number: 160621007SHF-BP-5

**Applicant Name:** Taizhou Huali Plastic Co Ltd

**Report Date:** July 11, 2016

**Applicant Address:**

**Attn:** Henry

### Sample Description:

Product: Click WPC Foam Adhesive 8.5mm  
Model: WFBVPW-59-70-85-20-E  
Sample Quantity: 64 pieces  
Sample ID: S160621007SHF-147~210  
Date Received: 2016/6/29  
Date Test Conducted: 2016/6/29~2016/7/11

### Tests Conducted:

As requested by the applicant, for details refer to attached pages(s).

### Conclusion:

For details refer to attached page(s).  
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.

**Test Items, Method and Results:**

Test method: ASTM E90-09

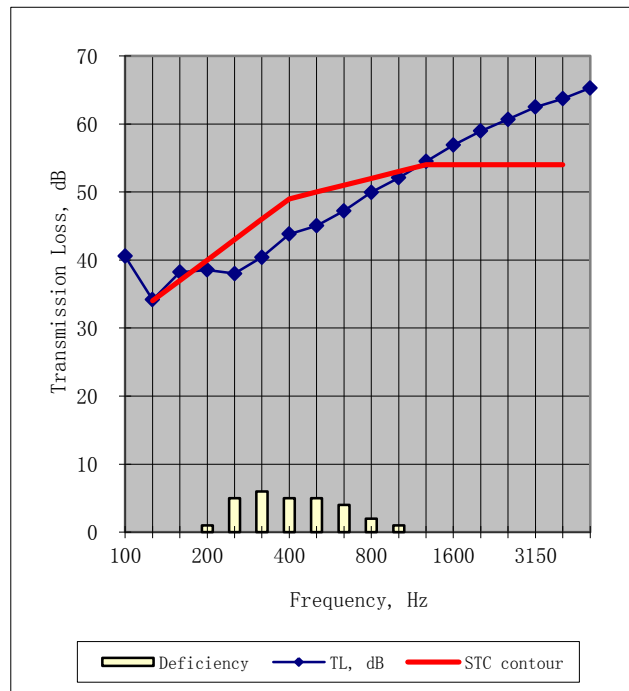
Temperature: 27 °C                      Relative Humidity: 70 %

Volume of the source room: 84 m<sup>2</sup>                      Volume of the receiving room 121 m<sup>2</sup>

Specimen area: 12.8 m<sup>2</sup>                      (detail drawing see Test Photos)

Floor assembly: The system consisted of 150mm thick concrete floor and the 8.5mm Click WPC Foam Adhesive were placed on the concrete floor.

Frequency (Hz)	TL (dB)
100	40.6
125	34.2
160	38.2
200	38.6
250	38.0
315	40.4
400	43.8
500	45.0
630	47.2
800	50.0
1000	52.1
1250	54.5
1600	56.9
2000	59.0
2500	60.7
3150	62.5
4000	63.7
5000	65.3



**Calculated Sound Transmission Class: STC 50**

Note:

1. TL= Transmission loss
2. Classified STC in accordance with ASTM E413-10, Classification for Rating Sound Insulation.
3. The STC was for the whole floor assembly system.

**Test Photo:**



Test set up

**Appendix A: Sample received photo**



**Approved by:**

*Dorian Wu*

Name: Dorian Wu  
Title: Approver

*Jodie Zhou*

Name: Jodie Zhou  
Title: Reviewer

*Evyn Cui*

Name: Evyn Cui  
Title: Project Engineer

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The End of Report

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