

Test Report**Report Number:140526002SHJ-BP-1****Applicant Name: Jiangsu Kentier Wood Co., Ltd****Original Report Date: June 10, 2014****Applicant Address: 88# development road, Danyang,
Jiangsu, China
Attn: Lisa Fang****Sample Description:**

Product: PVC flooring
Model: 1220mm*148mm*7mm
Samples Quantity: 15m²
Sample ID: S140526002SHJ-001~009
Date Received: 2014-05-21
Date Test Conducted: 2014-05-27~2014-06-10

Tests Conducted:

Test Methods: ASTM E492-09, ASTM E989-06, ASTM E90-09, ASTM E413-10

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.

Should you have any queries about the test report, please contact:

Approved by: Checked by: Prepared by:

Dorian Wu *Jodie Zhou* *Eric Zhu*

Dorian Wu Jodie Zhou Eric Zhu
Supervisor Technical Supervisor

Test Items, Method and Results:

Test Method: ASTM E492-09

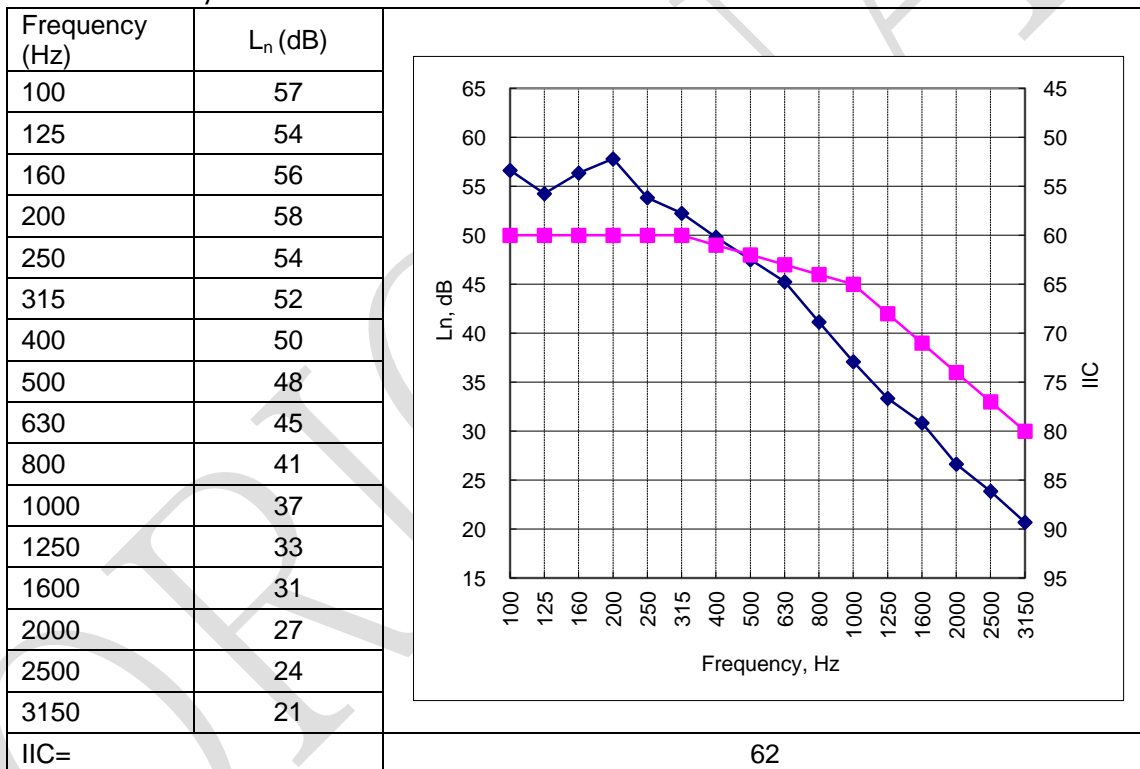
Temperature: 23° C

Relative Humidity: 60%

Specimen area: 13m²

Volume of the receiving room: 111m³

Floor/ceiling Assembly: The system consisted of 150mm thick concrete floor with a drop ceiling below forming the horizontal separation between two rooms, one directly above the other. The drop ceiling consisted of 350mm deep light steel bar joists spaced 1200mm on centre. The 12mm thick gypsum boards were fixed on the bar. 100mm thick fibre glass sound batts were placed in the 350mm space. The 7mm thick PVC flooring specimens were placed on the top of the system.



Calculated Impact Insulation Class: IIC 62

Note:

1. L_n = Normalized Sound Pressure Level for Covering over Floor/ceiling System
2. Classified IIC in accordance with ASTM E989-12, Standard Classification for Determination of Impact Insulation Class.
3. The IIC was for the whole floor/ceiling assembly system.

Test Items, Method and Results:

Test Method: ASTM E90-09

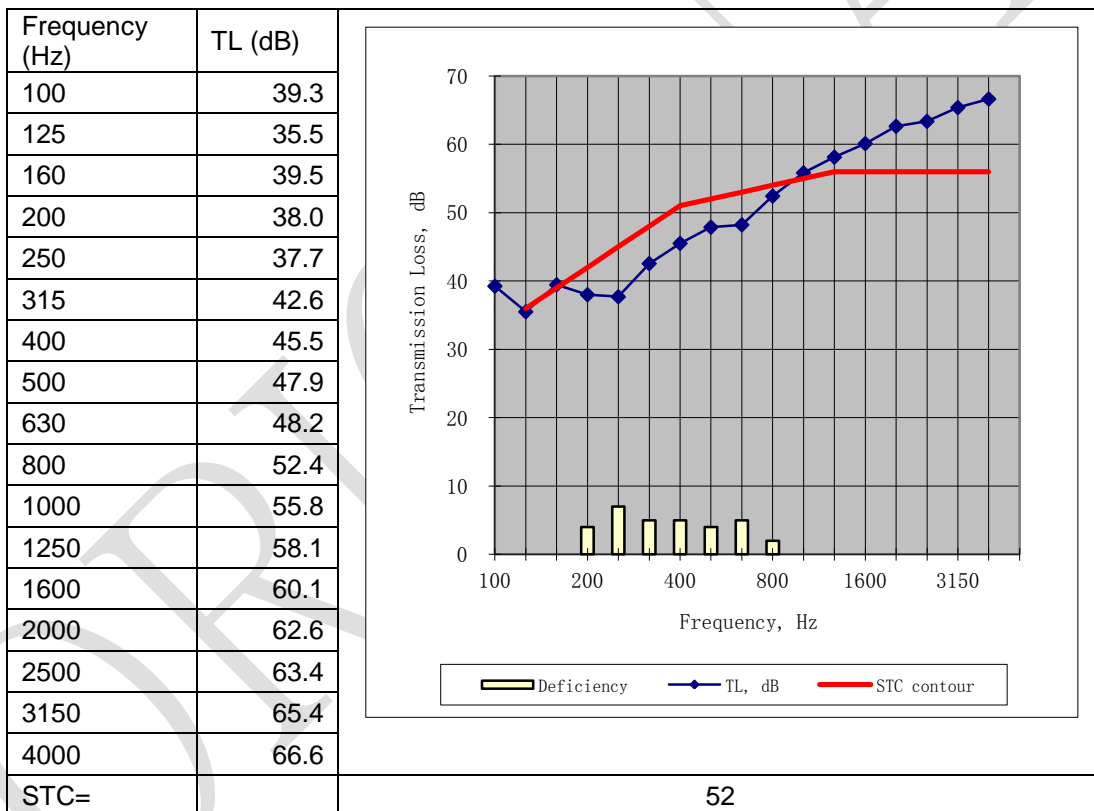
Temperature: 23° C

Relative Humidity: 60%

Specimen area: 13m²

Volume of the receiving room: 111m³

Floor/ceiling Assembly: The system consisted of 150mm thick concrete floor with a drop ceiling below forming the horizontal separation between two rooms, one directly above the other. The drop ceiling consisted of 350mm deep light steel bar joists spaced 1200mm on centre. The 12mm thick gypsum boards were fixed on the bar. 100mm thick fibre glass sound batts were placed in the 350mm space. The 7mm thick PVC flooring specimens were placed on the top of the system.



Calculated Sound Transmission Class: STC 52

Note:

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

Appendix A: Sample photos



Test sample

The End of Report

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