



**Test Method:** This test method is in accordance with American National Society for Testing and Materials Standard designation: E1007 Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Support Structures to determine the Field IIC as per ASTM E989 Standard Classification for Determination of Impact Insulation Class (IIC).

Equipment and instrumentation used for the measurements included a Norsonic tapping machine and a Larson-Davis 2900B Type 1 real-time sound level meter (serial no. 0990, calibration March 24, 2005). Calibration was with a Larson Davis CAL200 serial number 2306 (calibration November 16, 2004). This measurement technique followed all applicable ASTM standards.

**Specimen Description:** Engineered Bamboo type Eng Moso SW-Ch, HG Carb, P-Core supplied by Bamboo Hardwoods. Flooring installed on 3/8" thick Redupax underlayment as a floating system. Sub-floor is understood to be composed of 6 inches of concrete without a suspended ceiling in the unit below. Test conducted in the Dining Room area and source and receiving spaces are stack units. Perimeter isolation strips were installed allowing for at least 1/4" gap between the wall and flooring.

**Specimen Size:** Product was installed in the Dining Room area over entire floor surface. Base boards were not installed at the time of measurements.

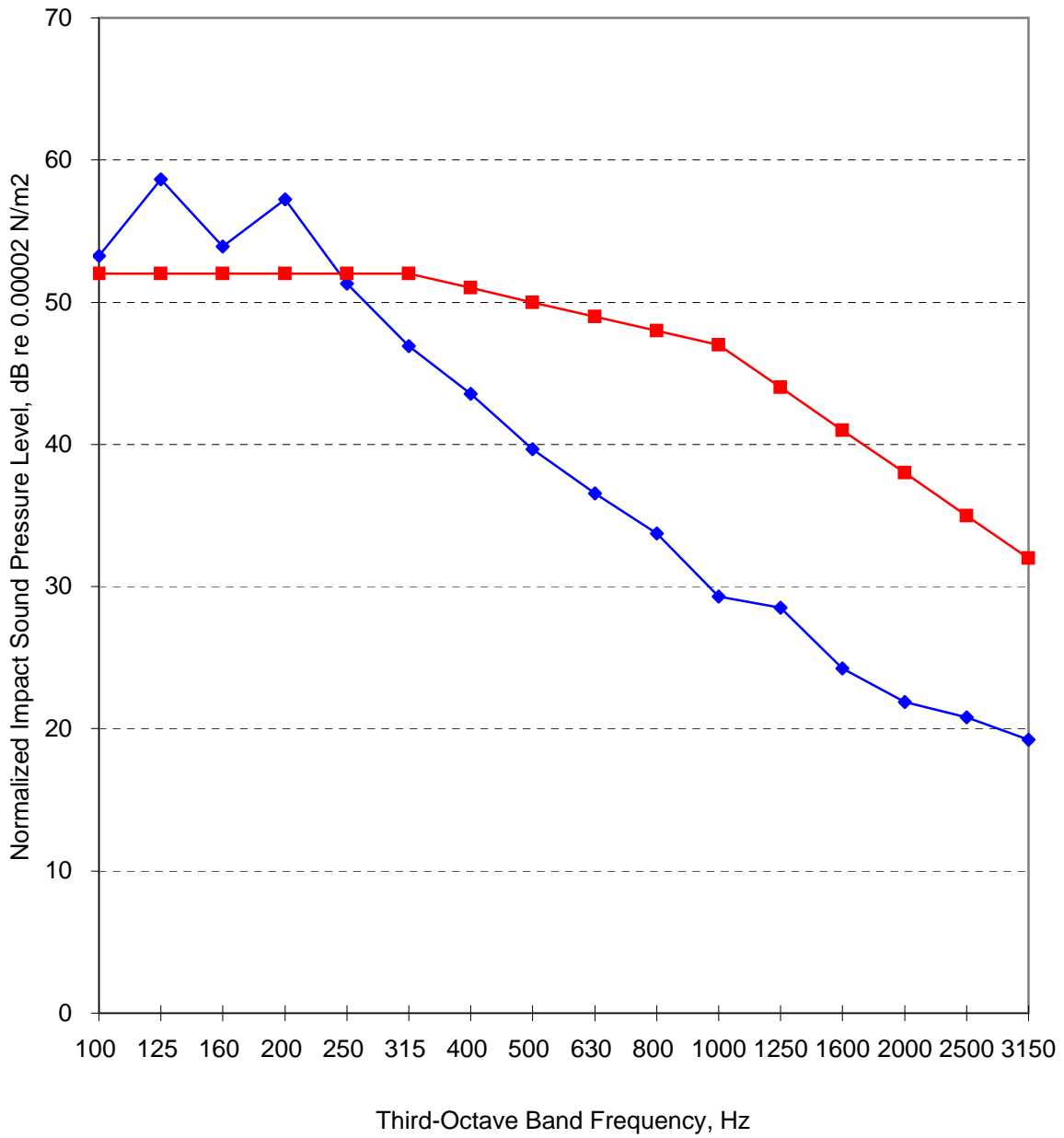
**Conditioning:** N/A

**Test Results:** FIIC = 60  
Chart is provided on the following page

**FIIC  
Unit A3**

Source: Dining Room - Wood  
Receiver: Unit A2 Dining Room

FIIC: 60



◆ Impact SPL Curve    ■ Limiting IIC Contour