



6042 Seaview Ave. NW, Suite 102
Seattle, WA 98107
Phone: (206) 839-0819
Fax: (206) 839-0824

May 14, 2003

FIELD IMPACT INSULATION CLASS (FIIC) REPORT

TEST DATE: May 13, 2003

LOCATION: Villaggio on Yarrow Bay, 4331 Lake Washington Blvd. SE, Kirkland, WA.

TEST SPECIMEN: Vinyl over Jumpax

FIIC: 55

FLOOR CEILING ASSEMBLY

The floor/ceiling assembly tested consisted of vinyl sheet glued over Jumpax, 1-1/2" Gyp-Crete over plywood subfloor, 2 x 10 wood joists 16" on center, Resilient Channel and 5/8" gypsum board ceiling. The joist cavities was filled with 6 " batt insulation.

MEASUREMENT AND RESULTS PROCEDURE

The procedure used in the test was made in conformance with ASTM Designations E1007-97, "Standard Test Method for Field Measurement of Tapping Machine Impact Sound Transmission Through Floor-Ceiling Assemblies and Associated Supported Structures." The FIIC value was determined using the typical IIC contour from ASTM Designation E989-89, "Standard Classification for Determination of Impact Insulation Class (IIC)."

TEST EQUIPMENT

- 1) Larson Davis Model 2900B Real Time Sound Level Meter S/N 0990
- 2) Larson Davis Microphone Model 2559 S/N 2757
- 3) Larson Davis PreAmp Model 900C S/N 0690
- 4) Larson Davis Calibrator Model CAL200 S/N 2306
- 5) Scantek Tapping Machine Type 211 No. 20487
- 6) JBL Speaker No. 1562-01284

