TEST REPORT

for

Pulte Homes
Sweetwater Carriage Homes
11714 Surfbird Circle, Building #2
Jacksonville, FL  32256

Impact Insulation Class Test
ASTM E1007 – 97 / ASTM E989 – 89

On

Ceramic Tile
SoundSeal CeraZorb
3-inch Concrete Slab (Hambro System)
with Soffited Ceiling Below

Test Date: November 24, 2009
Report Date: December 4, 2009

Submitted by: John C. Keiffer
Acoustical Consultant

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 February 24, 2009). Calibration was with a Larson Davis CAL200 serial number 2306. This measurement technique followed that described in the above mentioned ASTM standards.

Specimen Description: Test was conducted in Unit 204 Dining Room located over the Dining/Den/Foyer area of Unit 203 having a volume of approximately 2560 cubic feet.

Ceramic Tile
SoundSeal CeraZorb
3-inch concrete subfloor (Hambro System)
16-inch deep steel floor joists.
7/8-inch furring channels (25 gauge) at 24-inch o.c.
Single layer of 5/8-inch Type "C" Gypsum ceiling with textured finish

Specimen Size: Sample was delivered and installed with a minimum size of 4’x4’

Conditioning: A period of at least 48 hrs was allowed for grout and thinset to cure.

Test Results: FIIC = 55
\[ \Delta = 23 \]
Chart is provided on the following page
Field Impact Insulation Class (FIIC)

Sweetwater Condominiums
Source: Unit 204 Dining Room
Receiver: Unit 203 Den/Foyer/Dining
Flooring Assembly: Ceramic Tile on CeraZorb

Field Impact Insulation Class (FIIC): 55