

# Test Certificate

**Rendered to:** Graham Division of AADG, Inc.

**ATI Report Number:** A1153.01-113-11

**Report Date:** 03/25/11

**Series/Model:** Structural Composite Lumber Core

**Test Date:** 05/26/10

**Type:** Side-Hinged Single Door System

**Leaf Material:** Proprietary

**Frame Type:** 16 Gauge Steel, Filled with Concrete

**Seals:** Pemko S773 Adhesive Back Seal, 2005AT Threshold)

**Hardware:** Sargent 11 Line Lock, McKinney Mortise Butt Hinge

**Test Methods:** The following method was used to perform the sound transmission loss test.

ASTM E 90-09, *Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.*

This certificate verifies that the product as described above has achieved the following ratings.

ATI Data File No.	Test Condition	STC	R <sub>w</sub>	OITC
A1153.01B1	Operable	31	31	29

The STC (Sound Transmission Class) was calculated in accordance with ASTM E 413-04. The OITC (Outdoor-Indoor Transmission Class) was calculated in accordance with ASTM E 1332-90 (RE-approved 2003). The ASTM E 90 sound transmission loss data was used to calculate the R<sub>w</sub> (Weighted Sound Reduction Index) rating was in accordance with ISO 717. Proprietary door system details and the complete test results are contained in the referenced test report.

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