

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 Door System

Leaf Material: Proprietary

Frame Type: 16 Gauge Steel, Filled with Concrete

Seals: Pemko S773 Adhesive Back Seal, 434RL door bottom

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 _w	OITC
A1153.01C2	Operable	30	30	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_w (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.

Bradley D. Hunt
Project Manager - Acoustical Testing

Todd D. Kister
Laboratory Supervisor - Acoustical Testing

Eric J. Miller
Director - Acoustical Testing

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