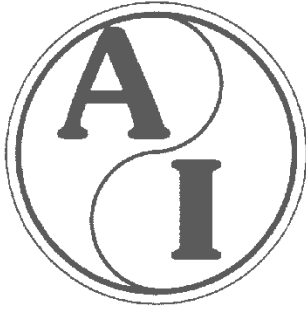


**PERFORMANCE TESTS IN ACCORDANCE WITH  
AAMA/WDMA/CSA 101/I.S.2/A440-08**



**Test Report Summary:**

Product type:

Product series/model:

Primary product designator:

Optional secondary designator:

Test completion date:

Report date:

Revision date:

Reissue date:

Number of pages:

Prepared by :

Approved by :



**Digitally Signed by:**

Jean Miller, Eng.  
Director, Physical Testing Department  
Air-Ins Inc.

**Digitally Signed by:**

Robert Jutras, Eng.  
President  
Air-Ins Inc.



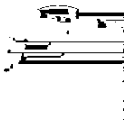
**AIR-INS inc.**



**PERFORMANCE TESTS IN ACCORDANCE  
WITH AAMA/WDMA/CSA 101/I.S. 2/A440-08**

**1.0 INTRODUCTION**

Air-Ins Inc. laboratory was retained by "P.H. Tech Inc." to test a door





**AIR-INS inc.**

Project: AI-03810-V1 Rev.3 (Reissue-56)

Performance Evaluation: Sliding Door

The rnce EvaluaEvaluaEvaance Eving Door



- Wheel shim: Part no. 7541
- Sash covering cap: Part no. 7523
- Screw cap: Part no. 9667
- Reinforcement: Part no. 9598 (pull stile) and 9599 (meeting stiles)
- Weatherstripping: Rails: pile brush with fin; T slot; HF-7522-270 (Schlegel). Interlock stile: pile brush with fin; T slot; HF-7522-270 (Schlegel).
- Sealant: Sealant at perimeter beside the co-extrusion fin before laying the sealed unit.
- Drainage: Drawing: 2.1.7. Glazing, Cutting of horizontal glazing bead no. 5771
- Overall dimensions:



**AIR-INS inc.**



## **5.0 RESULTS OF PERFORMANCE TESTS**

### **5.1 TEST SPECIMEN PRIMARY TESTING**

TEST

CLASS SPECIFICATIONS

TEST RESULTS





Forced- Entry Resistance Test	All sliding doors shall be tested according to ASTM F842-07 minimum performance level 10. AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.5	<u>1 point Mortise lock/keeper:</u> (with 2 #8 x 4" screws on keeper) Grade 20 of ASTM F842-07 T <sub>1</sub> =5 min., L <sub>1</sub> =2224 N (500 lbf), L <sub>2</sub> =890 N (200 lbf), L <sub>3</sub> =222 N (50 lbf), L <sub>4</sub> =222 N (50 lbf) + panel weight	Passed
		<u>2 point Mortise lock/keeper:</u> (with 2 #8 x 4" screws on keeper) Grade 30 of ASTM F842-07 T <sub>1</sub> =10 min., L <sub>1</sub> =3559 N (800 lbf), L <sub>2</sub> =1779 N (400 lbf), L <sub>3</sub> =445 N (100lbf), L <sub>4</sub> =222 N (50lbf) + panel weight	Passed

**5.2 TEST SPECIMEN AUXILIARY TESTING**

TEST	CLASS SPECIFICATIONS	TEST RESULTS	GRADE OR COMMENT
Welded Corner Test	When loaded to failure, the break shall not extend along the entire weld line. AAMA/WDMA/CSA 101/I.S.2/A440-08 par. 5.3.6.2	For each corner detail (sash only) the breakage does not extend along the entire	



## **6.0 CONCLUSION**

Based on the tests results, the door described in this report meets the requirements of the AAMA/WDMA/CSA 101/I.S. 2/A440-08 Standard regarding performance testing (article 5.0).

Detailed assembly drawings showing wall thickness of all members, corner construction and