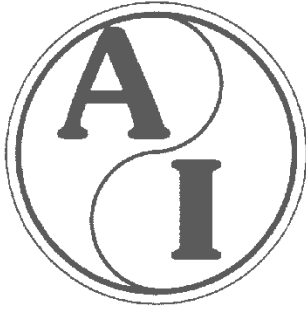


**PERFORMANCE TESTS IN ACCORDANCE WITH
AAMA/WDMA/CSA 101/I.S.2/A440-08**



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.



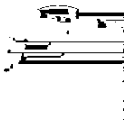
AIR-INS inc.



**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 rince 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.



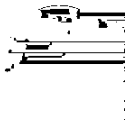
5.0 RESULTS OF PERFORMANCE TESTS

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 ₁ =5 min., L ₁ =2224 N (500 lbf), L ₂ =890 N (200 lbf), L ₃ =222 N (50 lbf), L ₄ =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 ₁ =10 min., L ₁ =3559 N (800 lbf), L ₂ =1779 N (400 lbf), L ₃ =445 N (100lbf), L ₄ =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