

AUTHORIZATION TO MARK

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Client Number: 14558 **Report Number:** 3116736-004

Evaluation Center: Intertek (Middleton)

Applicant/Basic Listee: Air Louvers, Inc.
6285 Randolph St.
Commerce, CA 90040

Ernie Strickland
800-766-0660
323-726-0338

Product Covered: Air Louvers 1500A-HR Louver

Testing Standards: ASTM E330 (2002) ASTM E1996 (2003) ANSI A250.13
(2003) TAS 203 TAS 201 TAS 202 ASTM E1886 (2005)

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Listing Section(s): WINDSTORM RESISTANT PRODUCTS

Description: **WINDSTORM RESISTANT PRODUCTS & COMPONENTS**

Model 1500A-HR air louver system with Security Grill on interior and exterior sides.

* Louver must be installed in a listed windstorm resistant door.

| Model# | Configuration | Door Stiffness | Max. Overall Size | | Ratings (D.L.) | |
|----------|----------------|----------------|-------------------|-------------|------------------|----------------|
| | | | Width (in) | Height (in) | Structural (PSF) | Impact (ft-lb) |
| 1500A-HR | In & Out-Swing | Class I | 24 | 64 | +/-60 | 350 |

D. L. = Maximum design load. NR = Not Rated

Authorized By:



Bob Davison, Certification Manager

Intertek Testing Services NA, Inc.
8431 Murphy Drive, Middleton, WI 53562 USA
Phone 608-834-7440 Fax 608-831-9279



LISTING REPORT - MACHINING

Issued: Sep 25 2007 1:23PM

Inspection Tests And Evaluation Of

Air Louvers 1500A-HR Louver (15683)

RENDERED TO
Air Louvers, Inc.
6285 Randolph St.
Commerce, CA 90040

GENERAL: This Report gives the results of the inspection, tests and evaluation of the above for compliance with applicable requirements of the following standards: ASTM E330 (2002) ASTM E1996 (2003) ANSI A250.13 (2003) TAS 203 TAS 201 TAS 202 ASTM E1886 (2005)

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CORRELATION FOR MULTIPLE LISTINGS

This information is only available to the applicant.

PRODUCT DESCRIPTION

Product Covered:

Air Louvers 1500A-HR Louver

Product Description:

WINDSTORM RESISTANT PRODUCTS & COMPONENTS

Model 1500A-HR air louver system with Security Grill on interior and exterior sides.

* Louver must be installed in a listed windstorm resistant door.

| Model# | Configuration | Door Stiffness | Max. Overall Size | | Ratings (D.L.) | |
|----------|----------------|----------------|-------------------|-------------|------------------|----------------|
| | | | Width (in) | Height (in) | Structural (PSF) | Impact (ft-lb) |
| 1500A-HR | In & Out-Swing | Class I | 24 | 64 | +/-60 | 350 |

D. L. = Maximum design load. NR = Not Rated

| <u>Attribute</u> | <u>Value</u> |
|------------------------------------|------------------------------|
| Architecture Code | 08100 Metal Doors and Frames |
| Hurricane Impact Load Rating ft-lb | 350 |
| DP Rating (psf) | 60 |
| Listed or Inspected | LISTED |
| Report Number | 3116736-004 |
| Criteria | ASTM E330 (2002) |
| Criteria | ASTM E1996 (2003) |
| Criteria | ANSI A250.13 (2003) |


| | |
|-------------------|------------------------------|
| Criteria | TAS 203 |
| Criteria | TAS 201 |
| Criteria | TAS 202 |
| Criteria | ASTM E1886 (2005) |
| Intertek Services | Certification |
| Listing Section | WINDSTORM RESISTANT PRODUCTS |

MACHINING INFORMATION

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SIGNATURE PAGE

Reported By:



Mike Puls
Project Engineer, Engineering Services
Building Products Division

Reviewed By:



Chris Bowness, PE
Engineering Services Manager
Building Products Division

TESTING INFORMATION


This report gives the results of the inspection, tests, and evaluation of Air Louvers 1500A-HR Louver.

| TEST | STANDARD(s) | REPORT |
|----------------------|--|---------------------------|
| Windstorm Resistance | ANSI A250.13 – Severe Windstorm Resistant Components for Swinging Door Assemblies, ASTM E1886-05, TAS 201-94, TAS 202-94, and TAS 203-94 | 2007-5-16 EEV 3116736-004 |

Based on test results documented in the above noted test reports, the products noted above have met the performance requirements of the referenced standards.


SIGNATURE PAGE

Reported By:



Mike Puls
Project Engineer, Engineering Services
Building Products Division

Reviewed By:



Chris Bowness, PE
Engineering Services Manager
Building Products Division