

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION DR-296

Effective Date: August 2012
Reevaluation Date: **June 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Model WindMaxx Commercial Flush Steel Outswing Hinged Steel Doors, Impact Resistant, manufactured by

Dominion Building Products, Division of ASSA ABLOY Door Group, LLC
6949 Fairbanks North Houston Road
Houston, Texas 77040
Telephone: (713) 466-6790

| System | Description | Design Pressure Rating |
|--------|---|------------------------|
| 1 | 20 Gauge Steel Outswing Hinged Doors; X | +50/-50 |

Product Dimensions:

| System | Overall Size | Operating Panel Size | Panel Daylight Opening Size |
|--------|------------------------|------------------------------------|-----------------------------|
| 1 | 53" x 86 1/2" x 8 1/4" | Active: 47 3/4" x 83 1/8" x 1 3/4" | N/A |

Hinges:

- 4 1/2" x 4 1/2" x 0.134 steel butt hinges; Three (3) required for each door; Secured to the door panel and to the door frame with four (4) No. 12-24 screws.

Hardware:

- Yale 8800 Series mortise lock; One (1) required; Strike plates secured to the door frame with two (2) No. 12-24 steel FHMS screws.

Threshold: Columbia #DT003 or Pemko #1702.

Product Identification (Certification Agency Label on Door):

| System | Certification Agency | Intertek or Underwriters Laboratories |
|--------|----------------------------------|---------------------------------------|
| 1 | Manufacturer's Name or Code Name | Dominion Building Products |
| | Product Name | N/A |
| | Test Standards | TAS-201, TAS-202, TAS-203 |
| | | |

Impact Resistance:

| Impact Resistant | Requirement |
|------------------|--|
| Yes | These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded. |

Installation: The wall framing shall be minimum 8 ¼" x 14 gauge steel horizontal girts. The top of each jamb is secured with a frame corner anchor that is resistant welded to the door frame and secured to the girt with two 5/16" x 3/4" nuts and bolts. The bottom of each jamb is attached to the floor with a corner joint anchor that is spot welded to the door frame and secured to the floor with two 5/16" x 1 ½" concrete sleeve anchors. Girt anchors are used to secure the door frame to intermediate girts. Each anchor is fastened to the door frame jamb with four No. 10 X 1" TEK screws and to the girts with two No. 10 x 1" TEK screws.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.