Evaluation ID: DR-draft Effective Date:

Re-evaluation Date:

Product Name: Aluminum Clad Wood Glazed Outswing Hinged Doors, Fin Installation, Impact Resistant

Manufacturer: Manufacturer, Inc.

1234 Street Name

City, State Zip

(123) 456-7890

General Description:

|  |  |  |  |
| --- | --- | --- | --- |
| System | Description | Label Rating | Design Pressure Rating |
| 1 | Aluminum Clad Wood Glazed Outswing Hinged Doors, XX | LC-PG50 74x96-SHD  Missile Level D | +50 /-50 psf |

Product Dimensions:

|  |  |  |  |
| --- | --- | --- | --- |
| System | Overall Size | Panel Size | Panel Glass Daylight Opening Size |
| 1 | 74-1/8" x 96" | Active: 35-13/16" x 94-3/16"  Passive: 35-13/16" x 94-3/16" | 25" x 73-7/8" |

Hardware:

* Deadbolt: Schlage B-Series; Located on the active door panel.
* **Lockset**; Schlage F-Series; Located on the active door panel.
* 2-point Lock: Hoppe; Located on the passive door panel stile. 2 hand activated shoot bolts into a strike at the head and the sill.

Hardware (Continued):

* Lockset Strike Plate: One (1) required; locate on passive door panel astragal; secured with two (2) No. 10 x 3" screws (long enough to penetrate a minimum of 1/1/2"into the wall framing).
* Deadbolt Strike Plate: One (1) required; located on the passive door panel astragal; secured with two (2) No. 12 x 3" screws (long enough to penetrate a minimum of 1/1/2"into the wall framing).
* **Shoot Bolt Strike Plate – Head (for 3-point lock)**; One (1) required; secured with three (3), No. 7 x 2-1/2" screws (long enough to penetrate a minimum of 1/1/2"into the wall framing).
* **Shoot Bolt Strike Plate – Sill (for 3-point lock)**; One (1) required; secured with three (3), No. 7 x 2-1/2" screws (long enough to penetrate a minimum of 1/1/2"into the wall framing).
* Hinges: Four (4) required per door panel; secured to the door slab with four (4), No. 12 x 1-1/4" screws; secured to the door jamb with two (2), No. 12-24 x 1/2" screws and two (2) No. 12 x 3" screws (long enough to penetrate a minimum of 1/1/2"into the wall framing).

**Sill:** Extruded aluminum; 1-1/4"height

ADA sill (Optional); extruded aluminum; 1/2" height

Product Identification (Certification Agency Label on Door):

|  |  |  |
| --- | --- | --- |
| System |  | |
| 1 | Certification Agency | WDMA |
| Manufacturer’s Name or Code Name | Manufacturer, Inc. |
| Product Name | Clad Outswing Door |
| Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08  ASTM E 1886-09, ASTM E 1996-09,  Missile Level D |

Impact Resistance:

|  |  |  |
| --- | --- | --- |
| System | Impact Resistant | Requirement |
| 1 | Yes | These products satisfy TDI’s criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. |

Installation:

**System 1:** Use minimum Southern Yellow Pine dimension lumber. Secure the door assembly to the wall framing using the frame with minimum 20-gauge galvanized steel straps (1" wide x 4" long). Along the head and side jambs, the straps are spaced approximately 4" from each corner and 10" on center. Secure the straps to the assembly with two 11-gauge smooth shank roofing nails. Secure the steel straps to the wall framing with two (2) No, 8 x 2" long PPH screws. The sill is secured to the floor framing through the sill with minimum 3/16" diameter concrete screws located approximately 4" from each and one at the mid span of each door panel. Use fasteners long enough to penetrate a minimum of 1-1/2" into the wood wall framing and a minimum of 1-1/4" into concrete. Maintain a minimum edge distance of 2-1/4" for concrete anchors.

Note: Keep the manufacturer’s installation instructions available on the job site during installation. Use fasteners that are corrosion resistant as specified in the IRC, the IBC, and the Texas Revisions.