

Product Evaluation

WIN2502 | 1120

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2502

Effective Date: November 1, 2020

Re-evaluation Date: November 2024

Product Name: Series M700 Aluminum Fixed Window, Fin Installation, Impact Resistant

Manufacturer: Quaker Window Products
504 Highway 63 South
Freeburg, MO 65035
(800) 347-0438

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|-------------------------------------|---|------------------------|
| 1 | Series "M700" Aluminum Fixed Window | AW-PG70 (48 x 60)-FW Missile Level D | +70 / -70 psf |

Product Dimensions:

| System | Overall Size | Fixed Sash Daylight Opening Size |
|--------|--------------|----------------------------------|
| 1 | 48" x 60" | 44-1/4" x 56-1/4" |

Product Identification (Certification Label on Window):

| System | | |
|--------|----------------------------------|---|
| 1 | Certification Agency | NAMI |
| | Manufacturer's Name or Code Name | Quaker Window Products |
| | Product Name | M700 Aluminum Fixed Window |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506-16 ASTM E1886-13a/E1996-14a Missile Level D |

Impact Resistance:

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

Installation:

| System | | |
|--------|---------------------------|---|
| 1 | Type of Installation | Nail Fin Installation |
| | Wall Framing | Southern Yellow Pine |
| | Fasteners | No. 8 x 1-5/8" coarse threaded screws |
| | Fastener Location/Spacing | 3" from each corner and 15"-18" on center along the perimeter |
| | Fastener Penetration | Minimum of 1-1/2" into the wall framing |

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.