

# 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

WIN-1704

Effective Date: February 1, 2013

Reevaluation Date: **February 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.

**Series 11 Aluminum Clad Wood Casement Windows, Impact Resistant**, manufactured by

**Eagle Window and Door**  
2045 Kerper Blvd  
Dubuque, Iowa 52001  
Telephone: (800) 324-5354  
www.eaglewindow.com

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 11 Aluminum Clad Wood Casement Windows	CW-PG65 36 x 72 - C Missile Level D	± 65 psf

### Product Dimensions:

System	Overall Size	Sash Size
1	36" x 72"	34 <sup>3</sup> / <sub>8</sub> " x 70 <sup>1</sup> / <sub>2</sub> "

### Product Identification (Certification Agency Label on Window):

System	Certification Agency	WDMA
1	Manufacturer's Name or Code Name	Eagle Window and Door, Inc.
	Product Name	Axiom 11 Clad Casement
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05; ASTM E 1996-05; Missile Level D

### Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . 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:**

**Option 2 (Installation Straps):** The wall framing shall be minimum Southern Yellow Pine dimension lumber. The window assembly shall be secured to the wall framing using stainless steel installation straps (1 ¼" x 9" x 0.030") along the head, sill, and each side jamb. The installation straps are secured to the window frame with four (4) No. 8 x 5/8" screws and are secured to the wall framing with two (2) No. 8 x 1 ½" screws on each side of the strap for a total of four (4) fasteners. The installation straps are required a maximum of 6 inches from each corner and a maximum of 12 inches on center. All fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

**Option 1 (Nailing Fin):** The window shall be fastened to minimum Southern Yellow Pine lumber using the nailing flange on the window along the head, sill, and side jambs. The nailing flange shall be secured to the wall framing with minimum 2" long, 11 gauge smooth shank roofing nails. The fasteners shall be spaced approximately 3 inches from each corner and approximately 12 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing. The nailing flange is silicone sealed to the window frame.

**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.