



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

System		
1	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork, Co., Inc.
	Product Name	Windquest V707 Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05 AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886; ASTM E 1996; Missile Level D
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Kolbe & Kolbe Millwork, Co., Inc.
	Product Name	Windquest V707 Fixed Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886; ASTM E 1996; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1-2	Yes	These products satisfy TDI's criteria for protection from windborne debris in the <b>Inland I</b> and <b>Seaward zone</b> . Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Installation:**

- **System 1 (One of the Following):**

- **Strap Installation:** Use a minimum Spruce-Pine-Fir dimension lumber for wood wall framing members. Mount window to wood wall framing members using galvanized steel straps (4.201" x 1.000" x 0.059"), snap-fit into the window frame. Secure each strap to wall framing with one (1) minimum No. 8 screw. Locate straps approximately 4" from each corner and 8" on center along the perimeter of the window. Locate fasteners long enough to penetrate a minimum of 1-1/2" into the wall-framing members.
- **Frame Installation:** Use a minimum Spruce-Pine-Fir dimension lumber for wood wall framing members. Mount window to the wood wall framing members using window frame with minimum No. 8 screws. Locate fasteners long enough to penetrate a minimum of 1-1/2" into the wall framing members, approximately 4" from each corner and 8" on center along the perimeter of the window.

- **System 2:**

- **Design Drawings:** Drawing No. 08-02165, titled "Windquest Fixed Window 60" x 96"," sheets 1 through 4 of 4, dated July 23, 2013, signed and sealed by Luis R. Lomas, P.E. on July 23, 2013. This evaluation report refers to the stated drawings as the approved drawings.
- **Wall Framing Construction:** Mount windows to several types of wall framing construction, including:
  - concrete (minimum compressive strength: 3,192 psi)
  - hollow concrete block (ASTM C-90, Grade N, Type 1 (or greater))
  - wood dimension lumber (minimum Spruce-Pine-Fir)
  - steel (18 gauge, 33 ksi)
  - aluminum (6063-T5, 1/8" thick).

- **Installation Details:**

- Refer to Sheet 1 of 4 of the approved drawings for elevation and notes.
- Refer to Sheets 3 of 4 thru 4 of 4 of the approved drawings for installation details.
- The approved drawings indicate the minimum embedment depths for the fasteners and the minimum edge distances (minimum distance fastener must be from the edge of the substrate material) for the fasteners.

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