

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

WIN-1786

Effective Date: October 1, 2013
Reevaluation Date: **December 2015**

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 6001 NC / 6002 Rep Vinyl Fixed Windows, New Construction and Replacement Construction, Impact Resistant, manufactured by

Window Mart

P.O. Box 570

5760 Albert Pike

Royal, Arkansas 71968

Telephone: (888) 283-6278

General Description:

| System | Description | Label Rating | Design Pressure Rating |
|--------|------------------------------------|---|------------------------|
| 1 | Series 6001 NC Vinyl Fixed Window | FW-C80 50 x 63 Missile Level D; DP +/-55 psf | ± 55 psf |
| 2 | Series 6002 Rep Vinyl Fixed Window | FW-C80 50 x 63 Missile Level D; DP +/-55 psf | ± 55 psf |

Product Dimensions:

| System | Overall Size | Daylight Opening Size |
|--------|-----------------|-----------------------|
| 1 | 50.00" x 63.00" | 45.00" x 58.00" |
| 2 | 50.00" x 63.00" | 45.00" x 58.00" |

Product Identification (Certification Agency Label on Window):

| System | Certification Agency | Keystone |
|--------|----------------------------------|--|
| 1, 2 | Manufacturer's Name or Code Name | CAR No. 588-205; CAR No. 588-196 |
| | Product Name | Series 6001 NC/6002 Rep Impact Fixed |
| | Test Standards | AAMA/WDMA/CSA 101/I.S.2/A440-05; ASTM E 1886-05; ASTM E 1996-06; 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 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:

| System | | |
|--------|---------------------------|---|
| 1 | Type of Installation | New Construction -Nailing Fin |
| | Wall Framing | Spruce-Pine-Fir |
| | Fasteners | Minimum No. 8 Screws |
| | Fastener Location/Spacing | The window shall be mounted to the wood wall framing members using the nailing fin with minimum No. 8 screws. The fasteners shall be located approximately 6 inches from each corner and approximately 10 to 14 inches on center along the perimeter of the window. |
| | Fastener Penetration | Minimum of 1 ½ inches into the wall framing members |
| 2 | Type of Installation | Replacement Construction - Through Frame |
| | Wall Framing | Spruce-Pine-Fir |
| | Fasteners | Minimum No. 8 Screws |
| | Fastener Location/Spacing | The window shall be mounted to the wood wall framing members through the frame of the window with minimum No. 8 screws. The fasteners shall be located approximately 6 inches from each corner and approximately 10 to 14 inches on center along the perimeter of the window. |
| | Fastener Penetration | Minimum of 1 ½ inches into the wall framing members |

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.