

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-1587

Effective Date: May 1, 2012
Reevaluation Date: **October 2012**

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.

C2050 Aluminum Operating Project-Out Windows, Impact Resistant, manufactured by

Columbia Commercial Building Products
1200 E. Washington Street
Rockwall, Texas 75087-4717
Telephone: (972) 771-7100

General Description:

System	Description	Label Rating	Design Pressure Rating
1	C2050 Aluminum Operating Project-Out Windows; (X)	AW-PG65 60 x 36-AP; AAMA 506; Missile Level D	+65/-65 psf

Product Dimensions:

System	Overall Size	Vent Size
1	60 $\frac{1}{8}$ " x 36 $\frac{3}{8}$ "	58 $\frac{1}{4}$ " x 34 $\frac{1}{4}$ "

Product Identification (Certification Agency Label on Window):

System	Certification Agency	NAMI
1	Manufacturer's Name or Code Name	Columbia Commercial Building Products
	Product Name	C2050 Impact Rated Aluminum Project-Out Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506-2008; 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	Type of Installation	Frame
1	Wall Framing	Southern Yellow Pine
	Fasteners	Minimum No. 10 x 3" Screws
	Fastener Location/Spacing	Along the head, approximately 6 inches from each corner and approximately 12 inches on center. Along the side jambs, approximately 4 inches from each corner and approximately 12 inches on center. Along the sill, two (2) screws located approximately 3 inches from each corner and approximately 8 inches on center.
	Fastener Penetration	Minimum of 1 1/2 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) and the International Building Code (IBC) and the Texas Revisions.