

TEXAS DEPARTMENT OF INSURANCE

Engineering Services / 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 RV-48

Effective April 1, 2011

The following product has been evaluated for compliance with the wind loads specified in International Residential Code (IRC) and the International Building Code (IBC). This product shall be subject to reevaluation March 2015.

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

Domex Downblast and Fumex Upblast Roof Vents, Impact Resistant, manufactured by

**Penn Barry
1401 North Plano Road
Richardson, Texas 75081
(972) 234-3202**

will be acceptable for use in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions along with Drawing No. 08-00623, sheets 1 – 5 of 5, dated November 20, 2008, revision C dated September 21, 2010, signed and sealed by Luis R. Lomas, P.E. on September 27, 2010. The stated drawings will be referred to as the approved drawings in this report.

PRODUCT DESCRIPTION

Domex Downblast and Fumex Upblast are impact resistant aluminum centrifugal roof vents. The housing material is constructed of 1100-0 aluminum. The base material consists of 0.042" thick galvanized steel or minimum 0.102" thick aluminum 3003-H14. The roof vents may be mounted to concrete, steel or wood roof decks.

LIMITATIONS

Design Pressures:

Series	Vent Sizes	Design Pressure Rating (psf)
Domex DX	06B, 08B, 11B, 12B, 14B, 16B, 24B, 27B, 30B, 36B, 06, 08, 10, 11, 13, 16, 18	±70
Fumex FX	08B, 10B, 12B, 14B, 16B, 24B, 27B, 30B, 36B, 08, 10, 11, 13, 16, 18	

INSTALLATION INSTRUCTIONS

General Installation Requirements:

All requirements in either the International Residential Code or the International Building Code must be satisfied and manufacturer's installation instructions followed, unless otherwise specified by this product evaluation.

Roof Deck: The roof vents may be fastened to a concrete, steel frame or wood frame roof in accordance with the approved drawings.

Anchorage: The base of the vent is fastened to the steel frame roof curb in accordance with the approved drawings. The steel frame roof curb is secured to the roof deck framing using the fasteners shown on sheet 3 of 5. The fasteners used to secure the curb to the roof deck shall be spaced a maximum of 3 inches from each corner and spaced a maximum of 12 inches on center. Roofing sealing is applied to the underside of the curb frame prior to installation.

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.