

# 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 DR-516

Effective February 1, 2012  
Reevaluation Date: **April 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.

**Reinforced Vinyl Sliding Glass Doors, Commercial, Non-Impact Resistant**, manufactured by

**Provia Door, Inc.**  
**2150 State Route 39 West**  
**Sugarcreek, Ohio 44681**  
**Telephone: (330) 852-4711**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Reinforced Vinyl Sliding Glass Door (OX)	CW-PG50 96 x 96	± 50

### Component Dimensions:

System	Overall Door Size	Operable Panel Size	Fixed Panel Daylight Opening Size
1	96 1/8" x 96"	48 1/4" x 91 1/2"	41 3/4" x 85 1/2"

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

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Provia Door, Inc.
	Product Name	Reinforced Vinyl Sliding Glass Door – Commercial
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

### Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

**Design Drawings:** The doors shall be installed in accordance with Drawing No. 08-01274, titled "Reinforced Vinyl Sliding Glass Door Commercial Non-Impact - 96 x 96," sheets 1 through 5 of 5, dated July 5, 2011, signed and sealed by Luis R. Lomas., P.E on July 11, 2011. The stated drawings will be referred to as the approved drawings in this evaluation report.

**Wall Framing Construction:** The doors may be mounted to several types of wall framing construction. The types of wall framing construction allowed include:

- 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)

**Installation:**

- Refer to Sheets 1 of 5 of the approved drawings for the anchor layout and notes.
- Refer to Sheets 4 of 5 thru 5 of 5 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 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.