

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-685

Effective Date: June 1, 2014
Reevaluation Date: **January 2017**

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 8800 Vinyl Sliding Glass Doors, Replacement Construction, Impact Resistant, manufactured by

Wincore Windows and Doors
250 Staunton Turnpike
Parkersburg, WV 26104
Telephone: (304) 485-7460

General Description:

System	Description	Label Rating	Design Pressure Rating
1	8800 Vinyl Sliding Glass Door	LC-PG50 96 x 96 – SD Missile Level D	+50 / -55 psf
2	8800 Vinyl Sliding Glass Door	LC-PG50 141 x 96-SD Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Panel Size	Panel Glass Daylight Opening Size
1	96.00" x 96.00"	Two (2): 48.63" x 91.63"	41.63" x 85.25"
2	141.00" x 96.00"	Three (3): 48.00" x 91.50"	41.63" x 85.63"

Product Identification (Certification Agency Label on Door):

System	Certification Agency	NAMI
1	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Series 8800 Vinyl Horizontal Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05, ASTM E 1996-06; Missile Level D
	Certification Agency	NAMI
2	Manufacturer's Name or Code Name	Wincore Window Company, LLC
	Product Name	Series 8800 Impact Rated Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886-05, ASTM E 1996-06; Missile Level D
	Certification Agency	NAMI

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.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

Installation:

General: The assembly shall be prepared and installed in accordance with the manufacturer's recommended installation instructions, the approved drawings referenced below, and this evaluation report. Detailed installation instructions and component drawings are available from the manufacturer.

Design Drawings: Use one of the following drawings:

System 1: Drawing No. TX-4323, titled "Wincore Windows & Doors 8800 Series Vinyl Sliding Patio Door 'Impact'," sheets 1 through 5 of 5, dated July 9, 2013, signed and sealed by Lyndon F. Schmidt, P.E on August 14, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

System 2: Drawing No. TX-4324, titled "Wincore Windows & Doors 8800 Series Vinyl Sliding Patio Door 'Impact'," sheets 1 through 5 of 5, dated July 9, 2013, signed and sealed by Lyndon F. Schmidt, P.E on August 14, 2013. The stated drawings will be referred to as the approved drawings in this evaluation report.

Installation: The doors shall be installed as specified on Sheets 1 of 5 through 5 of 5 of the approved drawings.

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.