

## Product Evaluation

DR685 | 0523

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at 800-248-6032.

**Evaluation ID:** DR-685

**Effective Date:** May 1, 2023

**Re-evaluation Date:** January 2025

**Product Name:** Series 8800 Vinyl Sliding Glass Doors, Impact Resistant

**Manufacturer:** Wincore Window Company, LLC  
250 Staunton Avenue  
Parkersburg, WV 26104  
(304) 485-7460

### General Description:

| System | Description                                | Label Rating                             | Design Pressure Rating |
|--------|--|--|------------------------|
| 1      | Series 8800 Vinyl Sliding Glass Doors; XOX | LC-PG50 (141 x 96)-SD<br>Missile Level D | +50 / -50 psf          |
| 2      | Series 8800 Vinyl Sliding Glass Doors; XO  | LC-PG50 (96 x 96)-SD<br>Missile Level D  | +50 / -55 psf          |
| 3      | Series 8800 Vinyl Sliding Glass Doors; XX  | LC-PG50 (96 x 96)-SD<br>Missile Level D  | +50 / -55 psf          |
| 4      | Series 8800 Vinyl Sliding Glass Doors; XXX | LC-PG50 (144 x 96)-SD<br>Missile Level D | +50 / -50 psf          |

**Product Dimensions:**

| System | Overall Size   | Operable Panel Size | Fixed Panel Daylight Opening Size |
|--------|----------------|---------------------|-----------------------------------|
| 1      | 141" x 96"     | 48" x 91.50" (2)    | 41.63" x 85.63"                   |
| 2      | 96" x 96"      | 48.63" x 91.63"     | 41.63" x 85.25"                   |
| 3      | 96" x 96"      | 48.63" x 91.63" (2) | N/A                               |
| 4      | 143.5" x 95.5" | 49.25" x 91.25" (3) | N/A                               |

**Product Identification (Certification Label on Door):**

| System |                                  |   |
|--------|----------------------------------|---|
| 1-2    | Certification agency             | NAMI  |
|        | Manufacturer's name or code name | Wincore Window Company LLC  |
|        | Product name                     | 8800 Series Vinyl Sliding Glass Door  |
|        | Test standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-17<br>ASTM E1886/E1996-02,05; Missile Level D      |
| 3      | Certification agency             | NAMI  |
|        | Manufacturer's name or code name | Wincore Window Company LLC  |
|        | Product name                     | 8800 Series Vinyl Sliding Glass Door-XX   |
|        | Test standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-17<br>ASTM E1886-13a/E1996-14a;<br>Missile Level D |
| 4      | Certification agency             | NAMI  |
|        | Manufacturer's name or code name | Wincore Window Company LLC  |
|        | Product name                     | 8800 Series Vinyl Sliding Glass Door-XXX  |
|        | Test standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-17<br>ASTM E1886-13a/E1996-14a;<br>Missile Level D |

**Compliance:** The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E 1886-13a, and ASTM E 1996-14a as referenced in the 2018 IRC and 2018 IBC.

**Impact Resistance:**

| System | Impact Resistant | Requirement  |
|--------|------------------|--|
| 1-4    | Yes              | These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-14a. |

**Installation:**

| System |                           |  |
|--------|---------------------------|--|
| 1-2    | Type of installation      | Install in accordance with Wincore Windows & Doors drawings No. TX-4323 and TX-4324, dated July 9, 2013. Revision 1 dated January 21, 2020. Signed and sealed by Lyndon F. Schmidt. P.E. on June 10, 2020. |
|        | Wall framing              |  |
|        | Fasteners                 |  |
|        | Fastener location/spacing |  |
|        | Fastener penetration      |  |
| 3      | Type of installation      | Install in accordance with Wincore Windows & Doors drawing No. TX-5285, dated August 31, 2022. Signed and sealed by Lyndon F. Schmidt. P.E. on September 1, 2022.  |
|        | Wall framing              |  |
|        | Fasteners                 |  |
|        | Fastener location/spacing |  |
|        | Fastener penetration      |  |
| 4      | Type of installation      | Install in accordance with Wincore Windows & Doors drawing No. TX-5294, dated February 2, 2023. Signed and sealed by Lyndon F. Schmidt. P.E. on February 7, 2023.  |
|        | Wall framing              |  |
|        | Fasteners                 |  |
|        | Fastener location/spacing |  |
|        | Fastener penetration      |  |

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.