

Product Evaluation

DR824 | 1120

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 1-800-248-6032.

Evaluation ID: DR-824

Effective Date: November 1, 2020

Re-evaluation Date: January 2024

Product name: 5400/5400S Series Vinyl Sliding Glass Patio Doors, Frame Installation, Non-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 | 5400/5400S Series Vinyl Sliding Glass Doors | R-PG60 (71 x 82)-SD | +60 / -60 psf |
| 2 | 5400/5400S Series Vinyl Sliding Glass Doors | SD-R40 (95 x 80) | +40 / -40 psf |
| 3 | 5400/5400S Series Vinyl Sliding Glass Doors | LC-PG35 (96 x 96)-SD | +35 / -35 psf |

Product Dimensions:

| System | Overall Size | Operable Panel Size | Fixed Panel Daylight Opening Size |
|--------|-----------------|---------------------|-----------------------------------|
| 1 | 70.87" x 81.89" | 35.63" x 77.60" | 29.1" x 71.2" |
| 2 | 94.5" x 79.5" | 47.28" x 75.24" | 40.7" x 68.8" |
| 3 | 96.06" x 96.06" | 48.15" x 91.73" | 41.54" x 85.24" |

Product Identification (Certification Label on Door) – One of the Following:

| System | | |
|--------|----------------------------------|---------------------------------------|
| 1-3 | Certification agency | NAMI |
| | Manufacturer's name or code name | Wincore Window Company LLC |
| | Product name | 5400 Series Vinyl Sliding Glass Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-17 |
| 1-3 | Certification agency | NAMI |
| | Manufacturer's name or code name | Wincore Window Company LLC |
| | Product name | 5400S Series Vinyl Sliding Glass Door |
| | Test standards | AAMA/WDMA/CSA 101/I.S.2/A440-17 |

Impact Resistance:

| System | Impact Resistant | Requirement |
|--------|------------------|--|
| 1-3 | No | Provide an impact protective system when installing the product in areas that require windborne debris protection. |

Installation:

| System | | |
|--------|---------------------------|---|
| 1-3 | Type of installation | Install in accordance with Wincore Windows & Doors drawing No. TX-4615 dated June 16, 2016. Revision 1 dated January 22, 2020. Signed and sealed by Lyndon F. Schmidt, P.E. on June 10, 2020. |
| | 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.