

## Product Evaluation

WIN179 | 0122

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:** WIN-179

**Effective Date:** January 1, 2022

**Re-evaluation Date:** October 2024

**Product Name:** 400 Series Fiberglass Clad Wood Fixed Specialty Windows with Stormwatch Protection, Impact Resistant

**Manufacturer:** Andersen Windows and Doors  
100 Fourth Avenue North  
Bayport, MN 55003  
(651) 264-5150

### General Description:

| System | Description                                    | Label Rating                           | Design Pressure Rating |
|--------|--|--|------------------------|
| 1      | 400 Series Fixed Specialty Windows, Flexiframe | LC-PG70 (72 x 84)<br>Missile Level D   | +70 / -70 psf          |
| 2      | 400 Series Fixed Specialty Windows, Flexiframe | LC-PG70 (120 x 60)<br>Missile Level D  | +70 / -70 psf          |
| 3      | 400 Series Fixed Specialty Windows, Flexiframe | LC-PG70 (48 x 144)<br>Missile Level D  | +70 / -70 psf          |
| 4      | 400 Series Fixed Specialty Windows, Springline | LC-PG70 (96 x 72.1)<br>Missile Level D | +70 / -70 psf          |

**Product Dimensions:**

| System | Overall Size  | Fixed Sash Daylight Opening Size |
|--------|---------------|----------------------------------|
| 1      | 72" x 84"     | 67-1/8" x 79-1/8"                |
| 2      | 120" x 60"    | 115-1/8" x 55-1/8"               |
| 3      | 48" x 144"    | 43-1/4" x 139-1/4"               |
| 4      | 96" x 72-1/8" | 91-1/4" x 67-1/2"                |

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

| System |                                  |  |
|--------|----------------------------------|--|
| 1-2    | Certification Agency             | WDMA   |
|        | Manufacturer's Name or Code Name | Andersen Corporation   |
|        | Product Name                     | 400 Series Specialty Windows-Flexiframe;<br>Impact Resistant                 |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-11<br>ASTM E1886-05/E1996-12<br>Missile Level D |
| 3      | Certification Agency             | WDMA   |
|        | Manufacturer's Name or Code Name | Andersen Corporation   |
|        | Product Name                     | 400 Series Specialty Windows-Flexiframe;<br>Impact Resistant                 |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-17<br>ASTM E1886-19/E1996-20<br>Missile Level D |
| 4      | Certification Agency             | WDMA   |
|        | Manufacturer's Name or Code Name | Andersen Corporation   |
|        | Product Name                     | 400 Series Specialty Windows-Springline;<br>Impact Resistant                 |
|        | Test Standards                   | AAMA/WDMA/CSA 101/I.S.2/A440-11<br>ASTM E1886-13/E1996-14<br>Missile Level D |

**Impact Resistance:**

| System | Impact Resistant | Requirement   |
|--------|------------------|---|
| 1-4    | Yes              | These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies. |

**Installation:**

| System  |                           |
|---|---------------------------|
| 1-4   | Type of Installation      |
|   | Wall Framing              |
|   | Fasteners                 |
|   | Fastener Location/Spacing |
|   | Fastener Penetration      |
| Install in accordance with drawing No. AWD294, dated October 12, 2021. Signed and sealed by Hermes F. Norero, P.E. on November 2, 2021. |                           |

**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.