

# CERTIFICATE OF CONFORMANCE

## Shenandoah® Vinyl Siding

### SPECIFICATIONS

All products meet or exceed the Standard Specification for Rigid PVC Siding (ASTM D-3679) and its referenced documents. An independent laboratory through unannounced inspection of all manufacturing facilities verifies the conformance to this specification. ASTM D-3679 is the specification used by building code authorities. Where not defined in ASTM D-3679, products also meet Norandex Distribution Stringent Quality Control Standards.

### PHYSICAL DATA

Panel Thickness: Triple 3 – .040" (+/- .001"), Beaded – .042" (+/- .001")

Panel Projection: 5/8"

Color: Uniformity is spectrophotometrically controlled.

Texture: Embossed with a low gloss brushed pattern

Lock: Optically measured and controlled.

Gloss: Uniform low gloss maintained with a 75° glossmeter

### PRODUCT TEST DATA

|  |                              |
|--|------------------------------|
| Heat Shrinkage:                            | <3% at 160°F                 |
| Impact Resistance Mean Failure Energy      | > 60 in. lb.                 |
| Static Windload Test Pressure              | 32 psf beaded, 22 psf T3     |
| Design Windload:                           | 156 MPH* beaded, 129 MPH* T3 |
| Surface Distortion:                        | None at 120°F                |
| Squareness:                                | <1/8" of square              |
| Length:                                    | Within – ¼" of specification |
| Warp/Camber:                               | <1/8"                        |
| Coefficient of Linear Expansion (in/in/°F) | 3.15x10 <sup>-5</sup>        |

\* Windspeed calculations based on ASTM D3679-09, ASCE 7-02, 30 ft. high, Exposure B

### FIRE RESISTANCE

All siding, soffit and accessories distributed through Norandex have a Class I flame spread classification per 1997 Uniform Fire Code.

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>ASTM E84:</b>            | <b>ASTM D1929:</b>               |
| Flame Spread Index: ≤20     | Self-Ignition Temperature: 780°F |
| Smoke Developed Index: >450 | <b>ASTM D635:</b>                |
| Fuel Contribution: 0        | Classified: CC1**                |

All Norandex siding has been tested per ASTM D 5206 for resistance to negative wind load pressures when installed with nails positioned 16" on center.

\*\* Tested specimens did not burn to 25mm mark. Material was shown to be self-extinguishing. Therefore no average time of burning or average extent of burning can be calculated. For more information, obtain a brochure on the fire properties of siding by contacting the Vinyl Siding Institute at [www.vinylsiding.org](http://www.vinylsiding.org).

### RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, ASTM D-6864, UBC 14-2, Florida Building Code Approval-FL12500, Texas Department of Insurance EC-43

### PROFILES

- 6.5 Beaded  
1-6.5" exposure  
12'4" length  
30 pieces/carton  
2 square/carton
- Triple 3"  
3-3" exposure  
12'1" length  
22 pieces/carton  
2 square/carton

\*Premium Colors featuring ColorHold® capping resins, a UV-Stable acrylic polymer.

### COLORS

- White
- Champagne
- Cream
- Dune
- Wheat
- Silver
- Sandstone
- Tan
- Beige
- Sand\*
- Sierra\*
- Cactus
- Linen
- Almond
- Wedgewood\*
- Granite\*



THE NORANDEX VINYL MANUFACTURING PROCESS HAS EARNED THE IMPRESSIVE MARK OF ISO 9001-2008 THROUGH UNDERWRITERS LABORATORIES AND ENVIRONMENTAL MANAGEMENT (ISO 14001-2004).

