

# CERTIFICATE OF CONFORMANCE

## D5 Premium Vinyl Soffit

### MATERIAL 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 Stringent Quality Control Standards.

### PHYSICAL DATA

Panel Thickness: .048" (+/- .001")  
 Panel Projection: 3/4"  
 Color: Uniformity is spectrophotometrically controlled.  
 Texture: Embossed with natural cedar grain 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.
Max Sustained Windload Test Pressure:	25 psf
Standard Windload Design Pressure Rating:	33.3 psf (ASD)*
Maximum Wind Speed:	117 MPH* (ASD)
Surface Distortion:	None at 120°F
Length:	Within - 1/4" of specification
Warp/Camber:	<1/8"
Coefficient of Linear Expansion (in/in/°F)	<4.5x10 <sup>-5</sup>

\* Windspeed calculations based on ASTM D3679-17, ASCE 7-16, 30 ft high, Exposure B.

### VENTILATION SPECIFICATIONS

#### Double 5" Hidden Ridge Venting System

Net free ventilation area per lineal foot 1.9 sq in  
 Percentage of ventilated surface area per lineal foot: 1.60%

#### D5" Full Vent Lanced

Net free ventilation area per lineal foot 11.9 sq in  
 Percentage of ventilated surface area per lineal foot 9.92%

### FIRE RESISTANCE

All siding, soffit, and accessories distributed by Norandex have a Class A flame spread classification per 2018 International Residential Code (IRC) and International Building Code (IBC)

<b>ASTM E84:</b>	<b>ASTM D1929:</b>
Flame Spread Index: ≤20	Self-Ignition Temperature: 860°F
Smoke Developed Index: >450	<b>ASTM D635:</b>
Fuel Contribution: 0	Classified: CC1**

\*\* Tested specimens did not burn at 25 mm 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-4477, Florida Building Code Approval - FL12500, FL-12505, CCRR-0184

### PROFILES

**D5 U-Grove**  
**Solid, Full Vent, or Hidden Ridge Venting System**  
 2-5" Exposure  
 12' Length  
 15 pieces/carton  
 1.5 squares/carton

### COLORS (23)

- White
- Linen
- Beige
- Almond
- Tan
- Champagne
- Sand \*
- Cobblestone \*
- Sierra \*
- Cream
- Wheat
- Sandstone
- Tumbleweed \*
- Mocha \*
- Cactus
- Fern \*
- Ivy \*
- Khaki \*
- Olive \*
- Silver
- Smoke \*
- Granite \*
- Wedgewood \*

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

