

# CERTIFICATE OF CONFORMANCE

## D5 Premium Vinyl Soffit

### 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: .048" (+/- .001")

Panel Projection: 3/4"

Color: Uniformity is spectrophotometrically controlled.

Texture: Embossed with a low gloss 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.

Surface Distortion: None at 120°F

Squareness: <1/8" of square

Length: Within - 1/4" of specification

Warp/Camber: <1/8"

Design Windload: 138 MPH\*

Static Windload Test Pressure: 46 psf

Coefficient of Linear Expansion (in/in/°F): 3.15x10<sup>-5</sup>

### 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%

#### D/5" FULL VENT LANCED

Net free ventilation area per lineal foot: 11.9 sq. in.

Percentage of ventilated surface area per lineal foot: 9.92%

### PROFILES

- Double 5" U-Grove\*\*  
Solid, full vent lanced or with the Hidden Ridge Venting System

10" Exposure

10' Lengths

1.5 Squares/Carion

All D/5 Premium in Solid may be used in vertical applications.

### COLORS

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

Full Vent Lanced available in Almond, Sandstone, Wheat, White & Sierra Only

\*Premium colors featuring ColorHold,<sup>®</sup> a highly-durable capstock that resists fading & discoloring.

\* Windspeed calculations based on ASTM D3679-08, 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.

ASTM E84:

Flame Spread Index: ≤20

Smoke Developed Index: >450

Fuel Contribution: 0

ASTM D1929:

Self-Ignition Temperature: 780°F

ASTM D635:

Classified: CC1\*\*

\*\* 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, ASTM D-4477, UBC 14-2, Florida Building Code Approval-FL12505, FL-12500, Texas Department of Insurance EC-43, CCR#0184



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

