

# CERTIFICATE OF CONFORMANCE

## Sterling<sup>®</sup> Vinyl Siding

Sterling Vinyl Siding panels are manufactured to the following specifications.

### 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 Distribution Stringent Quality Control Standards.

### PHYSICAL DATA

Panel Thickness: .044" (+/- .001") D4, D5, D5DL - .048" Single 8"  
 Panel Projection: 5/8"  
 Color: Uniformity is spectrophotometrically controlled.  
 Texture: Hand-sawn embossed woodgrain 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 (See Chart)  
 Design Windload (See Chart)

Profile	MPH*	PSF
D4	175	74.1
D5	179	77.2
D5DL	172	70.9

Surface Distortion: None at 120°F  
 Squareness: <1/8" of square  
 Length: Within -1/4" of specification  
 Warp/Camber: <1/8"  
 Coefficient of Linear Expansion (in/in/°F) 3.15x10<sup>-5</sup>

\* Windspeed calculations based on ASTM D3679-13, ASCE 7-02, 30 ft. high, Exposure B

### FIRE RESISTANCE

All siding, soffit and accessories distributed through Norandex have a Class 1 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	ASTM D635:
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-43ICC

### PROFILES

8" Horizontal  
 1-8" Exposure  
 12'6" Length  
 24 pieces/carton  
 2 squares/carton

D4  
 2-4" Exposure  
 12'6" Length  
 24 pieces/carton  
 2 squares/carton

D5  
 2-5" Exposure  
 12' Length  
 20 pieces/carton  
 2 squares/carton

D5 Dutchlap  
 2-5" Exposure  
 12' Length  
 20 pieces/carton  
 2 squares/carton

### COLORS (16)

- White
- Beige
- Champagne
- Cream
- Wheat
- Sandstone
- Sierra\*
- Mocha\*
- Russet\*
- Firebrick\*
- Khaki\*
- Fern\*
- Cactus
- Silver
- Granite\*
- Seaport\*

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



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

