

CERTIFICATE OF CONFORMANCE

Builder Vinyl Soffit

MATERIAL SPECIFICATIONS

All products meet or exceed the Standard Specification for Rigid PVC Siding (ASTM D-4477 & D3679) 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: .036" (+/- .001")

Panel Projection: .396"

Color: Uniformity is spectrophotometrically controlled.

Texture: Embossed with natural matte pattern.

Lock: Optically measured and controlled.

Gloss: Uniform low gloss maintained with a 75° gloss meter.

PRODUCT TEST DATA

Heat Shrinkage: < 3% at 160° F

Impact Resistance Mean Failure Energy: > 45 in. lb.

Surface Distortion: None at 120° F

Length: Within 1/4" of specification.

Warp/Camber: < 1/8"

Coefficient of Linear Expansion (in/in/°F): < 4.5 x 10⁻⁵

VENTILATION SPECIFICATIONS

Builder Double 5" Full Vent Soffit

Net free ventilation area per lineal foot 4.9 sq in

Builder Triple 4" Full Vent Soffit

Net free ventilation area per lineal foot 5.8 sq in

Builder Triple 4" Center Vent Soffit

Net free ventilation area per lineal foot 1.9 sq in

FIRE RESISTANCE

All siding, soffit, and accessories distributed by Norandex have a Class A flame spread classification per 2021 International Residential Code (IRC) and International Building Code (IBC)

ASTM E84:

Flame Spread Index: < 20

Smoke Developed Index: > 450

Fuel Contribution: 0

ASTM D1929:

Self-Ignition Temperature: 860° F

ASTM D635:

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

RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, ASTM D-4477, Florida Building Code Approval FL-12505

PROFILES

Builder Soffit

Double 5" Solid, and Full Vent System

2-5" Exposure

12' Length

20 pieces/carton

2 squares/carton

Triple 4" Solid, Full Vent and Center Vent System

3-4" Exposure

12' Length

16 pieces/carton

1.92 squares/carton

COLORS (6)

- White
- Champagne
- Sandstone
- Silver
- Sierra
- Granite

WIND RATINGS

Builder Double 5"

Standard Windload Design Pressure Rating: 30.0 psf*

Maximum Wind Speed: 144 mph (ULT)

Builder Triple 4"

Standard Windload Design Pressure Rating: 36.0 psf*

Maximum Wind Speed: 158 mph (ULT)

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