Great Barrier® Vinyl Siding

Great Barrier 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 Stringent Quality Control Standards.

PHYSICAL DATA

Panel Thickness: .046" (+/-.001")
Panel Projection: 3/4"
Color: Uniformity is spectrophotometrically controlled.
Texture: Embossed with a low gloss natural cedar 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: Surface	> 60 in. lb.
Distortion:	None at 120°F
Length:	Within-1/4" specification
Warp/Camber:	<1/8"
Max Sustained Windload Test Pressure:	58.3 psf
Standard Windload Design Pressure Rating:	78.0 psf*
Maximum Windspeed:	180 MPH*(ASD)
Coefficient of Linear Expansion (in/in/°F)	<4.5x10^{-5}

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

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: ≤25
Smoke Developed Index: >450
Fuel Contribution: 0

ASTM D1929:

Self-Ignition Temperature: 860°F

ASTM D635:

Classified: CCI **

** 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**

PROFILES

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

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

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

Also available in extended lengths (16.66' for 1/3 less seams.)

COLORS (28)

- White
- Linen
- Almond
- Tan
- Champagne
- Cobblestone *
- Cream
- Tumbleweed *
- Mocha *
- Russet +
- Firebrick +
- Ivy *
- Khaki *
- Dove Gray *
- Olive *
- Myrtle +
- Silver
- Smoke *
- Granite *
- Vintage Grey +
- Wedgewood *
- Steel Blue +
- Seaport +
- Jamestown Blue +
- Deep Water +
- Graphite +
- Maverick Brown +
- Carbon +

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

+ Designer Collection Color

RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, Florida Building Code Approval - FL12500, FL12505, Texas Department of Insurance EC-75, Intertek CCRR-0184, Vinyl Siding Institute (VSI) PCL-0801, PER-0803

Reviewed: CT NJS 9/22/2022