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 Distribution Stringent Quality Control Standards.

PHYSICAL DATA

Panel Thickness: .046" (+/- .001")
Panel Projection: ¾”
Color: Uniformity is spectrophotometrically controlled.
Texture: Embossed with a 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: 60 psf
Design Windload: 215 MPH*
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^-5

* Windspeed calculations based on ASTM D3679-09, 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.

ASTM E84:
Flame Spread Index: ≤20
Smoke Developed Index: >450
Fuel Contribution: 0

ASTM D1929:
Self-Ignition Temperature: 780°F

ASTM D635:
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

RELEVANT CODES AND REGULATIONS COMPLIANCE

ASTM D-3679, ASTM D 6864, UBC 14-2, Florida Building Code Approval-FL12500, Texas Department of Insurance EC-43

COLORS

- White
- Champagne
- Cream
- Linen
- Tan
- Silver
- Almond
- Dune
- Granite*
- Hazel*
- Ivy*
- Tumbleweed*
- Cobblestone*
- Saddle*
- Wedgewood*
- Russet*
- Firebrick*
- Steel Blue*
- Evergreen*
- Mocha*
- Olive*
- Smoke*
- Khaki*

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