



Comfort Ti Laminated is AFG's new Low-E glass designed for high wind environments

The Benefits of Comfort Ti Laminated™

There are four very distinct advantages with Comfort Ti-AC Laminated not currently available with any other product:

Hurricane approved - Test results by Architectural Testing Inc. (ATI) shows Comfort Ti-AC Laminated meets impact resistance tests and cyclic pressure tests.

Test samples (24 x 48) laminated by Glass Products, Inc., an AFG company. Using 1/8" comfort Ti-AC with 1/8" clear with .090 interlayer passed both the Dade County Protocols PA201-94 and PA203-94.

Note to Window Manufacturers: Comfort Ti-AC Laminated must be glazed in a window that is hurricane code compliant.

Neutral appearance - AFG's Comfort Ti-AC coating maintains a neutral appearance after laminating.

Through state of the art coating technology, AFG is able to produce a revolutionary coating that provides an aesthetically pleasing, neutral low-e product even after the lamination process.

Energy Efficient - Comfort Ti-AC laminated provides energy saving benefits compared to typical laminated.

- Lower shading coefficient
- Lower solar heat gain coefficient
- High visible light transmission
- Lower relative heat gain
- Improved solar blocking over tinted 1/4"

RECENT CODE CHANGES

- Florida recently passed a state-wide building code requiring areas of the state to have windborne debris protection of glazed openings that fall within the 120mph wind-zone.

- Texas, through the Department of Insurance, has adopted new construction building codes that apply to impact resistance in 14 coastal counties.

MARKET DRIVEN BY CODE MANDATES

- Hawaii and New York have implemented insurance premium reductions for structures with impact resistance windows.

- 80% of Florida residents are living within 10 miles of the coastline.

- The International Building Code Council (IBC) has developed a single set of national codes. Regions have been specified as windborne debris areas from southern Texas to northern Maine.

- Adoption of the IBC is expected to be underway by all but 4 states in this region by 2004.



Summary

Comfort Ti-AC Laminated - Reasons for continued growth:

- Hurricane Approved
- Neutral Appearance
- Population Trends
- State Codes
- National Codes have been developed
- Safety
- Glazing Flexibility
- Noise Reduction
- Durable Coating
- Energy Efficiency
- Growing Construction Market
- Insurance Benefits
- Security