

Maximize your windows and doors with a better Solar Heat Gain Coefficient (SHGC) and Visible Light (VT).



**AMERICAN
INTEGRITY**
Windows & Doors

HP-Integrit"E" 27

Cooler In Summer

The total solar energy transmitted through Solarban® 70XL (2) glass is almost 63% less than that transmitted by standard clear insulating glass.

- Lower SHGC numbers mean less summer heat
- Keeps interiors cooler
- Helps reduce cooling energy costs

Reduces Ultraviolet Energy

Solarban® 70XL (2) glass reduces fabric-fading UV energy 90% more effectively than standard clear insulating glass.

- Helps protect interior furnishings, fabrics and carpets from fading

Warmer In Winter

The winter nighttime U-Value (insulating value) of Solarban® 70XL (2) glass is as much as 47% better than standard clear insulating glass.

- Lower U-values mean higher performance
- Reduces furnace heat loss
- Helps reduce heating energy costs

Transmits Visible Light/Appearance

The Solarban® 70XL (2) window transmits about 80% as much desirable visible light as standard clear insulating glass.

- Provides exterior appearance similar to clear glass
- Provides glare control in bright, sunny climates



Maximize

with 3 types of LE.
Low E engineer
your home or office

SHGC .40, .27 or .23

HP-Integrit"E" 23

HP-Integrit"E" 23 is a new low emissivity glass designed to maximize solar control and air conditioning efficiency in Sun Belt regions while maintaining a very attractive appearance. This next-generation low-emissivity product is the newest product innovation from industry leader AFG Glass.

With a solar heat gain coefficient of 0.23 - among the lowest in the industry- the newest member of AFG's Comfort Ti-AC230 family of low-emissivity(low-e) sputter-coated glasses is ideal for climates where air conditioning is the primary year-round energy concern. HP-Integrit"E" 23, with its combination of low reflectivity, excellent light absorbing properties, and its ability to block the sun's most warming wavelengths of energy, provides one of the highest light-to-solar-gain ratios of 1.74 when deposited on clear glass. The product is ideal for coastal regions as it meets Turtle Code specifications, (<0.45 Visible Transmittance). Its unique combination of powerful solar control with a "neutral look" makes HP-Integrit"E" 23 an ideal solution for a range of residential and commercial applications where heat-gain, glare and aesthetics are a concern.

New price pages will be available in Jan 2008 price book.