



## **FAST TRACK GLASS FOR FAST TRACK PROJECTS**

### **INSULATING GLASS**

#### 1/ Select Glass Components Stocked by Guardian or PPG Certified Regional Fabricators

- Retail Storefronts, Schools – For high light transmission, select “Double Silver” Solar Control Low E ;Guardian SN-68, PPG Solarban 60, Viracon VE1-2M, AGC Ti-AC 40 on clear or green tint
- Offices, Big Curtain Walls, Skylights – For additional solar control and glare reduction, select “Triple Silver” Solar Control Low E; Guardian SNX -62/27, PPG Solarban 70XL, Viracon VNE1-63 on clear or green tint
- If Color is required, other than green, specify an uncoated Tinted Outboard lite, and a coated Inboard lite ie: Dark green, blue, gray, bronze, dark gray, ultra clear, rather than a coated (#2 Surface coated) outboard lite. The SHGC is slightly better if the coating is on number 2 surface. U factor is identical. But coated tinted glass is typically brought in by fabricators for projects, not inventoried. Manufacturers also run these coated tinted glasses to order, and ship them from remote plants. Additionally, insulating glass with tinted glass and low e coatings almost always has to have the outboard lite heat strengthened or tempered.
- Specifying small quantities of tinted, coated glass can be expensive. Factory order quantities are 1300 SF.
- Geographically close regional fabricators can generally provide small order releases caused by mistakes or breakage sooner than remote fabricators.
- Avoid specifying Low E coatings on Laminated glass.
- Specify both Ceramic Frit and Opaci Coat 300 Silicone Paint for glass in Spandrel areas.

#### 2/ Use Proprietary Products Only if They are Worth the Wait:

- Fade out spandrel
- Coatings on proprietary tinted glasses
- Gray insulating glass sealant
- Non-standard silk screened dots and lines

#### 3/ Glass Sizes

- Over 80” x 100”, in typical buildings, lower floors, may require 3/8” glass, which adds to expense and lead time and potential issues with the framing systems.
- Coated glass stock sheet size is 100” x 144”. If cost is an issue, order sizes that fit into this stock sheet without excessive scrap.
- Fabricators typically charge a “minimum” square foot charge or 4 or 5 square feet, so ordering very small glass sizes adds cost.

### **ALL GLASS DOORS/ WALLS**

- 1/ Glass Size – Keep glass panels under 10’ in height, the GANA recommended design limit for ½” tempered glass with two sided support.
- 2/ Keep the door widths to a standard 36”, or 72” for a pair of doors, to use “stock” rails.
- 3/ Use anodized finishes for bases and headers rather than stainless steel.
- 4/ Locking ladder pulls or standard push/pulls are stock items. Panic devices are not.