



Glass Certifications, Quality and Standards

1. **Float annealed glass** supplied by General Glass Company is manufactured to the quality standards as defined by ASTM C1036 – Standard Specification for Flat Glass. Type 1, Class 1 for Clear, Class 2 for Tinted, Heat Absorbing and Light Reducing. Quality Q3 Glazing. Float Glass suppliers to General Glass Company include Cardinal FG, PPG, and Pilkington.
2. **Tempered glass** at the time of purchase from General Glass Company meets quality and strength standards as defined by ASTM C1036 and ASTM C1048. General Glass Company is a certified manufacturer of tempered glass and follows all procedures required to meet Consumer Products Safety Standard – CPSC 160 CFR II and ANSI Z97.1.
3. **Mirror** purchased from General Glass Company meets quality standards as defined by ASTM C-1036 Class 1. Mirrors have a silver coating, copper protective coating and backing paint. The silver coating is highly adhesive with a minimum 83% reflectivity. Backing paint shall be two (2) coats of special scratch and abrasive-resistant paint backed in uniform thickness
4. **Laminated Glass** at the time of purchase from General Glass Company meets quality and strength standards as defined by ASTM C1036 and safety requirements Cat 1, Cat 2 and ANSI Z.97.1.
5. **Spandrel Glass** purchased from General Glass meets is manufactured to the quality standards as defined by ASTM C1036 and ASTM C 1048 fully tempered. Spandrel glass type is Opacoat® 300 back painted glass.
6. **Insulated Glass** units manufactured by General Glass Company are IGCC certified and have been tested to meet ASTM E 2190-10 specifications. Insulated glass units supplied by General Glass Company are dual seal units with a primary seal consisting of polyisobutylene and secondary seal consisting of polysulfide with the option of silicone as the secondary sealant
7. **Warranties:** Dual seal insulated units carry a 10 year limited warranty in accordance with our Insulated Glass Limited Warranty from date of delivery. Laminated and spandrel glass carry a 5 year limited warranty. Mirror carries a 1 year limited warranty.