

1. Manufacturers:
 - a. Vitro Architectural Glass (formerly PPG).
 - b. Oldcastle Glass.
 - c. Guardian Industries Corp.
 - d. Viracon.
 - e. Substitutions: Refer to Section 01 25 00.
2. Float Glass: Select glazing quality, clear float glass, ASTM C1036; nominal thickness 1/4".
3. Tempered Glass: Select glazing quality, clear float glass, fully tempered, ASTM C1048; nominal thickness 1/4"; safety glass.
4. Tinted Glass: Manufacturer's standard tint as directed by Architect.
 - a. Use one thickness of tinted glass throughout unless otherwise indicated or approved in advance by Architect.
5. Spandrel Glass: Double density ceramic frit, heat strengthened spandrel glass; nominal 1/4" thickness.
6. Laminated Glass: ASTM C1172, Kind LA, two sheets of clear float glass laminated with polyvinyl butyral film; safety glass; laminated layers free of air pockets and foreign substances.
 - a. Glass Thickness: Nominal 1/4", unless otherwise indicated.
 - b. Polyvinyl Butyral Core Thickness: Not less than 30 mil.
7. Insulated Glass: Preassembled units consisting of organically sealed panes of glass enclosing a hermetically sealed dehydrated air space with minus 20-degree F dew point.
 - a. Performance: Certified to ASTM E2190 by Insulating Glass Certification Council.
 - b. System: Manufacturer's standard dual seal system compatible with glazing system, and including spacers, desiccant, and standard corner construction.
 - c. Glass:
 - 1) Float Glass (Typical): Select glazing quality, clear float glass, ASTM C1036; nominal thickness 1/4".
 - 2) Tempered Glass (Where Indicated and Where Safety Glazing is Required): Select glazing quality, clear float glass, fully tempered, ASTM C1048, Kind FT; nominal thickness 1/4"; safety glass.
 - 3) Low Emissivity Coating: Provide high performance low e coating, not less than Vitro (PPG)/Solarban R100 (2) Acuity + Acuity, on Number 2 surface.