

SECTION 08800 - GLAZING**PART 1 - GENERAL****1.1 SECTION REQUIREMENTS**

- A. Submittals: Product Data and 12-inch- (300-mm-) square Samples.
- B. Fire-Resistance-Rated Assemblies: Products identical to those tested per NFPA 252 for doors and NFPA 257 for window assemblies; both labeled and listed by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.
- C. Safety Glass: Category II materials complying with testing requirements in 16 CFR 1201 and ANSI Z97.1.
- D. Glazing Publications: Comply with published recommendations of glass product manufacturers and organizations below, unless more stringent requirements are indicated.
 - 1. GANA Publications: "Glazing Manual" and "Laminated Glass Design Guide."
 - 2. AAMA Publications: AAMA GDSG-1, "Glass Design for Sloped Glazing," and AAMA TIR-A7, "Sloped Glazing Guidelines."
 - 3. SIGMA Publications: SIGMA TM-3000, "Vertical Glazing Guidelines," and SIGMA TB-3001, "Sloped Glazing Guidelines."
- E. Insulating-Glass Certification Program: Permanently marked with certification label of Insulating Glass Certification Council, Associated Laboratories, Inc or National Accreditation and Management Institute.

PART 2 - PRODUCTS**2.1 GLASS**

- A. Float Glass: ASTM C 1036, Type I, Class 1 (clear), and Quality q3.
- B. Heat-Treated Float Glass: ASTM C 1048, Condition A (uncoated) and C (coated), Type I, Class 1 (clear), Quality q3, Kind FT (fully tempered).
- C. Mirror Glass: ASTM C 1036, Type 1, Class 1, Quality q1 or q2, silver coated per FS DDM411C, ¼" thick, with edges flat polished.
 - 1. Safety Glass for Mirrors: Fully tempered.

2.2 FABRICATED GLASS PRODUCTS

- A. Sealed Insulating-Glass Units: Preassembled units complying with ASTM E 774 for Class CBA units, with two ¼" thick sheets of glass separated by a 1/2-inch (12.7-mm) dehydrated space filled with argon.
 - 1. Inboard Lite: Clear float or tempered as required by Code.
 - 2. Outboard Lite: Clear float or tempered as required by Code.
 - 3. Low-Emissivity Coating: Second surface.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with combined recommendations of manufacturers of glass, sealants, gaskets, and other glazing materials, unless more stringent requirements are contained in GANA's "Glazing Manual."
- B. Set glass lites in each series with uniform pattern, draw, bow, and similar characteristics.

END OF SECTION 08800