

SECTION 08810

GLAZING (final)

PART 1 - GENERAL

- 1.01 This section includes performance level standards for the selection of glazing materials and installation requirements, including requirements for testing.
- 1.02 No storage is available for maintenance stock.
- 1.03 RELATED WORK
 - A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

- 2.01 INSULATED GLASS
 - A. Insulated low E glass shall be used on all exterior applications.
 - B. A 10-year written warranty guaranteeing the insulated glass will not fog or exhibit any other evidence of seal failure shall be required.
 - C. Ensure that glazing sealant is compatible with outer edge seal of insulated units.
- 2.02 SAFETY GLASS
 - A. All sloped glass and overhead glass shall be laminated safety glass.
 - B. Glass in doors and glass near doors shall be laminated safety glass.
 - C. At a minimum, one layer of glass for entrances and storefronts shall be laminated safety glass.
 - D. Wire glass shall only be used when needed at fire-rated doors and partitions.
- 2.03 SPANDREL GLASS
 - A. "Ceramic frit" type spandrel glass shall be used.
 - B. "Back painted" or film type spandrel glass shall not be allowed. These coatings and films can easily flake and peel causing serious problems.

- 2.04 Reflective glass shall not be allowed unless otherwise approved by a Brown University Project Manager.
- 2.05 Mirrors shall have copper and paint back-coatings to protect the silver surface from tarnishing.
- 2.06 If glass entrances or wall systems are frameless, a form of visual identification shall be required at eye-level. Identification shall be in the form of etching, graphic decaling or sandblasting.
- 2.07 Selected sealants shall be of low toxicity and without odor.

END OF SECTION