

**Description:**

The purpose of the section is to highlight the current applicable UMCP Design Standards for the selection and installation of exterior and interior door assemblies.

**Related Sections:**

- TBD

**Effective Date:**

December 2, 2002

**Applicable Standards:**

- TBD

**General Requirements:****Doors**

- Exterior and interior single doors shall be 1-3/4 inch thick, 3 feet wide and 7 feet high, minimum.
- Where required for maintenance purposes, the width may be enlarged to 4'-0" wide; however the 7'-0" height shall not be modified.
- Specify pre-finished, pre-machined, solid wood (staved) core doors, Structural Composite Lumber (SCL) doors or Laminated Strand Lumber (LSL) core doors with finish as required.
- Particle board core doors are not acceptable.
- If gypsum core doors are required for fire rating, wood edges shall be increased to provide solid backing for hardware such as hinges, locksets, and door closers or through-bolts shall be used for fastening.
- All glazing in fire doors shall be a labeled fire rated glass installed in accordance with NFPA 80. Fire doors shall have 3 inch x 33 inch wire glass for a 1-1/2 hours "B" labeled doors. Wire glass shall be square in shape, not diamond.
- Cross-corridor doors shall be Graintech 18 ga., fire-label where required used in conjunction with Von Duprin Impact exit device.

**Frames**

- Door frames should be standard metal frames where ever possible; however, to allow for architectural considerations frames can be modified with the prior approval of Facilities Management.
- Hollow metal frames shall have welded corners; 16 gages interior and 14 gages exterior. Include 3 silencers for single doors and 2 silencers for double doors.
- Storefront assemblies are not desirable. If the highest quality store front assemblies are acceptable by O&M, then a 10" high (minimum) base and 5" wide stiles and 6" top rail are required.
- All wood and metal doors shall have minimum 5" stiles