

GENERAL: Design Professionals to specify the following requirements:

All Corridor doors and doors to closets shall be 1 3/4" solid core to meet requirements of NFPA 80 and 101. The use of steel doors and frames are recommended,(with Beveled edge door profile) for all applications and may be used throughout the facility (interior and exterior). All doors Physical Performance level shall be Level A(extra heavy duty) and shall be Model 2 (seamless) ,exterior doors G90 galvanized with interior doors A60 galvanized(all steel doors to be 16 gauge). Classroom doors shall have approved glass view panels set in steel framing according to code, and SREF. To prevent the flexing and breaking of the wall along the door frames, a nest of metal studs shall be provided around each door installation to accommodate the weight of the door and the shock caused by the closing of the door at drywall wall installation. **Aluminum Storefront doors are not allowed unless approved by DCPS.**

FRAMES: Exterior frames shall be a minimum of 14 gauge steel, mitered corners, pre prepped to receive required recess mounted security devices and seamless. Interior door frames shall be minimum 16 gauge steel (exception being frames over 3'-6", they shall be 14 gauge steel) Hot dipped galvanized steel seamless with mitered corners. Minimum hinge reinforcement at both doors and frames shall be 7gauge steel(at all locations).

Door contact type must be Von Duprin MS-164 or equivalent, the doorframe and door receptacle box template must be installed as specified in the MS-764 design.

Exterior doors should be insulated metal doors with surround metal bracket weather stripping installed at the frame opening must be utilized to conserve energy. If glass is used, the glass should be thermal/safety glass, and non-reflective. Close top and bottom edges of doors flush as an integral part of door construction or by addition of .053-inch thick, metallic-coated steel channels with channel webs placed even with top and bottom edges. All operable items on exterior doors shall have an integral finish--not applied, painted, baked on, etc.

Interior wood When interior wood doors are approved, they shall be 1 3/4" thick with solid core, wood-staved construction are acceptable. 7'-0" height shall be standard. **Stain finish is not preferred and is only to be used when approved by DCPS in non-student-occupied spaces** or as replacement units to match existing units.

END OF SECTION 08210