

Product Specifications:

Steel doors and frames are manufactured by Concept Frames, Inc., Newton, NC. They conform to HMMA guide specification 860-11.

Materials:

Frames are formed from commercial quality cold rolled steel conforming to ASTM 366 or A620 & A568; or (optional) A60 galvanealed steel conforming to ASTM A924 and A653.

Doorskins and all exterior door components are formed from commercial quality A60 galvanealed steel conforming to ASTM A924 and A653. Internal components are formed from commercial quality cold rolled steel conforming to ASTM 366 or A620 & A568.

Construction:

Frames are knocked down (K.D.) field assembled type or welded unit type (See job specification). Head and jamb members of K.D. frames have die cut mitered corners that interlock rigidly when field assembled. Integral door stops are 5/8" high. Jambs are sized to suit wall applications. Anchors are available for new masonry, wood stud, metal stud or existing opening wall conditions (indicate which). Floor anchors or extra jamb anchors are provided to anchor sill; welded floor anchors at welded frames.

Doors have mechanical interlocked seams or seams butted in the center; visible edge seam standard, seamless filled and seamless welded available. Door edges standard beveled both edges 1/8" in 2", square edges optional

Door Cores:

Doors are provided with 22 or 16 gauge steel stiffeners, expanded polystyrene, honeycomb, or temperature rise cores

Hardware Provisions:

Doors and Frames are handed. Hinge reinforcements are mortised for 4 1/2" or 5" high, standard or heavy weight hinges (indicate which). 7 gauge steel reinforcements are welded in place and are drilled and tapped for fasteners in accordance with ANSI A1S6.7.

Locksets, exit devices, and controlling hardware reinforced in accordance with ANSI A115 and manufacturers recommendations

Strikes are prepared to receive a 4 7/8" universal or 2 3/4" cylindrical strike in accordance with ANSI A115.1 & 2 (specify which strike is required). Plaster guards are provided at masonry openings.

Paint:

Steel doors and frames are provided with one coat of rust inhibitive primer paint. Primer coat shall conform to ANSI A250.10. The primer coat is a preparatory base for necessary finish painting.



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Door and Frame specifications

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