

Openings

Hollow Metal Doors and Frames (08 13/12 13)

For questions regarding this section contact: Physical Plant
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Part 1 – General

- Section includes Standard hollow metal doors and frames.

Part 2 – Product

Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the work include, but are not limited to, the following preferred products:

- Amweld Building Products, LLC.
- Benchmark; a division of Therma-Tru Corporation
- Ceco Door Products; an Assa Abloy Group Company
- Curries Company; an Assa Abloy Group Company
- Firedoor Corporation
- Fleming Door Products Ltd.; an Assa Abloy Group Company
- Kewanee Corporation (The)
- Pioneer Industries, Inc.
- Security Metal Products Corporation
- Steelcraft; an Ingersoll-Rand Company
- Windsor Republic Doors

Part 3 – Execution

All steel doors and frames shall be designed in accordance with the "Hollow Metal Manual" published by the [Hollow Metal Manufacturers Association \(HMMA\)](#), and as follows:

- Face sheets of doors shall be not less than 18 gauge (0.042 in. or 1.0 mm) for interior doors and 16 gauge (0.053 in. or 1.3 mm) for exterior doors.
- Frames shall be not less than 16 gauge (0.053 in. or 1.3 mm) for interior door openings 4'-0" or less in width and 14 gauge (0.067 in. or 1.7 mm) for interior openings wider than 4'-0" and all exterior frames. Frames shall be welded at corners and joints.
- Doors and frames exposed to the exterior, in swimming pools, and other high humidity environments shall have a zinc coating applied by hot-dip process conforming to ASTM A653/a653M (G60).
- Use HMMA 861, Guide Specifications for Commercial Hollow Metal Doors and Frames. Do not use HMMA 860, Guide Specification for Hollow Metal Doors and Frames as that is geared towards residential use.