

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS

DIVISION 08 – OPENINGS

SECTION 081113 – HOLLOW METAL DOORS AND FRAMES

PART 1 - GENERAL

- 1.1 Any deviances from the following instructions must be approved during design by WVU Facilities Management Personnel.
- 1.2 This standard provides general guidance concerning the specific preferences of the assemblies of doors, sidelights, bulkheads, sills, etc., including, but not limited to, glass doors for exterior or interior applications.
- 1.3 Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications.
- 1.4 DEFINITIONS
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|---|-----|-----------------------|
| A | FM | Facilities Management |
| B | PE | Project Engineer |
| C | PM | Project Manager |
| D | SDI | Steel Door Institute |
- 1.5 Reference Standards
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| A | SDI |
|---|-----|
- 1.6 Quality Control
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| A | Welded hollow metal frames are preferred. Knock down frames will be acceptable in existing construction at the discretion of owner, unless otherwise noted. All frames shall have a minimum of 3 jam band and floor anchor per jamb. |
| B | Metal doors and door frames which are at an exterior condition shall be heavy duty SDI grade 3, galvanized and painted. |
| C | All fire rated doors and frames shall have a label mechanically attach indicating the class and rating. |
| D | Equipment rooms: <ol style="list-style-type: none">1 Doors shall open either to the outside or to the corridor, where permissible.2 Access doors will be a minimum of 48" wide by 72" tall and shall not open into the equipment room. |

PART 2 - PRODUCTS

- 2.1 Minimum gauge shall be 16 for interior frames and 14 for exterior frames.

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- 2.2 Minimum door face sheet shall be 18 gauge for interior door and 16 for exterior doors.
- 2.3 Close top and bottom of doors, do not leave an open channel.
- 2.4 Consultants shall coordinate security system and hardware requirements with this section to provide necessary cut outs and reinforcing as part of the construction contract. Review section requirements for better frame prep.
 - A Review section 282500 for Electronic Card Access Control System/Specifications regarding frame prep.

PART 3 - EXECUTION

- 3.1 N/A

END OF SECTION 081113