

RevisiorDate: 07/29/2021

1. Design Criteria

- a. All exterior door assemblies used as secondary entries, means of egress, service doors, and similar are to be steel frames with insulated metal doors, painted.
- b. Exterior door assemblies to meet or exceed requirements of the Vermont Commercial Building Energy Code.
- c. Interior door frames, other than those specified as aluminum, shall be 2" hollow metal frames, painted.
- d. Doors at main (accessible) entries are to be a minimum of 42" wide.
- e. Thermally broken door and frame constructions shall be specified for exterior applications
- f. Doors at accessible entries are to be a minimum of 42" wide. This applies to each leaf in a pair of doors and each door in a vestibule.

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- a. Comply with NFPA 80 for fire rated assemblies.

3. Submittals to be reviewed by University

- a. All product data
- b. Shop drawings
 - i. Elevations, details, reinforcing, anchorage, joints, moldings, removable stops, and glazing
 - ii. Details of conduit & preparations for power, signal, and control systems.
 - iii. Door and frame schedule.

4. Products, Materials & Equipment

- a. Exterior Door Assemblies:
 - i. Door frames to be 14 gauge, thermally broken, fully welded. Provide bituminous coating at interior of all exterior frames.
 - ii. Frames to be factory applied G60 galvanized coating, and field painted.
 - iii. Doors to be full thickness urethane core, seamless, fully welded on the face steel with factory applied G60 galvanized coating. Field paint.
 - iv. Width of horizontal and vertical door stiles to be 5 inches minimum (PM) accommodate hardware

2. Reference Standards:

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- v. Width of horizontal stiles at the top of the door to be 6 inches to accommodate closer hardware.
 - b. Interior Door Frames:
 - i. Interior steel doors to be 8-gauge face steel, fully welded, seamless. factory prime and field paint.
 - ii. Door frames to be 6-gauge, fully welded, factory primed, field painted.
 - iii. Core: kraft paper honeycomb or vertical steel stiffener.
5. Installation, Fabrication, and Construction:
- a. Install plumb, level and square.
 - b. At ext. doors, provide max. 1/4" to 3/8" gap between bottom of frame and concrete.
 - c. Incorporate barcode labels to conform with UVM RFID code program.
6. Warranties
- a. Standard manufacturer's warranty
 - b. Installer's standard 1 year warranty.
7. Sketches
- a. Typical door types with stiles (illustrating required stile width)

