

Revision Date: 07/29/2021

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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 construction 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 configuration. Exceptions must be approved by the UVM project manager (PM).

2. **Reference Standards:**

- 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 16-gauge face steel with factory applied G60 galvanized coating. Field paint.
  - iv. Width of horizontal and vertical door stiles to be 5 inches minimum to accommodate hardware

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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 18-gauge face steel, fully welded, seamless. factory prime and field paint.
    - ii. Door frames to be 16-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. ¼" to 3/8" gap between bottom of frame and concrete.
  - c. Incorporate barcode labels to conform with UVM PPD barcode 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)

