

Part 1 - General

1.0.1 Scope

Work required under this Section shall include the furnishing of all labor, materials, tools, and equipment necessary to complete all insulated door work as detailed on the drawings and/or as specified herein.

1.0.2 Design

Door plugs shall be constructed with FRP (fiberglass reinforced polymer) and clad with customer's choice of metal. All hardware and mechanisms shall be protected against corrosion by galvanizing or other approved methods. Doors shall be complete with all components required for complete installation. Doors with provisions for locking shall have safety release hardware on opposite side.

1.0.3 Substitutions

This specification is written with Chase Doors as the basis of acceptable performance.

1.0.4 Submittals

In compliance with the specification requirements, submit detailed shop drawings for each door, showing in clear detail all mounting requirements and accessories.

1.0.5 Quality Assurance

Doors shall be installed in accordance with the architect's plans and specifications and the door manufacturer's written instructions, drawings and recommendations. Doors shall carry a limited warranty against insulation failure for a period of 5 years from date of original installation. Door pan, trim, and door frame shall carry a limited warranty against warping and rotting for a period of 5 years.

Part 2 - Product

2.0.1 Material

Provide Chase Swing Type Cooler/Freezer Doors including: FRP- door plug is clad with customer's choice of material, 5 1/2" FRP flat frame, foamed-in-place polyurethane core, hinges and latches with a corrosion resistant coating, cam lift gravity hinges, padlocking provision and inside safety release on single point latch, and reinforced push in neoprene gaskets on perimeter of door panel.

Part 3 - Execution

3.0.1 Installation

Doors shall be mounted in full accord with the detailed instructions of the door manufacturer and contract documents. When mounting the door and the flat frame, mounting surfaces shall be set true and level without distortion and shall be shimmed and caulked to assure tightness and true fitting, and shall be securely lagged. After the doors are hung, they shall be checked for mechanical and electrical operation and tight and uniform gasket sealing. Installation of 115 VAC electric connection to gasket heaters is the responsibility of the electrical contractor.

3.0.2 Product Delivery, Storage and Handling

Each cold storage door shall be securely crated so as to protect the door from damage during shipment and handling. Door identification number shall be clearly marked on the outside of each crate.

3.0.3 Cleaning and Adjustment

Clean all doors of excess sealant, grease, stains, fingerprints and construction dust prior to final inspection to the satisfaction of the architect/owner. Adjust all doors to smooth, proper operating condition, including proper sealing and lubrication, prior to turnover of facility to owner.