R-PLUS
COLD STORAGE DOORS
A Division of Imperial Manufacturing, Inc.

Suggested Architectural Specification

Double Infit Swing Door

Specialty Door CSI section: 08300

SUGGESTED ARCHITECTURAL SPECIFICATION

Division 8

Part 1 - General

1.01 Section Includes

A. R-Plus Double Infit Swing Doors and accessories for complete installation.

1.02 Related Sections

A. Division 16 - Electrical.

1.03 Submittals

A. Product Data: Completely describing components.
B. Shop Drawings: Showing fabrication, installation and accommodation to connecting work.
C. Installation Instructions: For door and accessories.

1.04 Quality Assurance

A. Doors shall be installed in accordance with the architect's plans and specifications and door manufacturer's written instructions, drawings and recommendations.

Part 2 - Product

2.01 Manufacturers

A. R-Plus Double Infit Swing Door operation as manufactured by Imperial Manufacturing, Inc., Portland, Oregon.
B. Substitutions:

No substitution will be considered unless written request for approval has been submitted by the bidder and has been received by the architect at least 14 days prior to the date for receipt of bids. Each request shall include the name of materials to be substituted and a detailed description of the proposed substitute including: a list of drawings, cut sheets, mock-ups, performance & test data, projects of similar scope and photographs of existing installations, and any other information necessary for evaluation.

2.02 Double Infit Swing Doors

A. R-Plus Double Infit Swing Door.
   1. Door size to fit door opening as shown on architectural drawings and to conform to NSF regulations.
   2. Doors shall be double infitting hinged cooler or freezer doors.
   3. Door panels shall consist of four sided metal reinforced:
      a) Galvanized or white enamel steel (stucco, 26ga. or smooth, 24ga.)
      or
      b) Stainless steel, 22ga.
      or
      c) Sandstone, 26ga.
      or
      d) Aluminum, .040
   4. 4" thick cam-locked panels to be filled with Class 1 CFC free, high density urethane foam insulation having a K factor of .12 at 75° F and R-value of 29.
   5. Internal frame to have an interlocking perimeter and hinge latch plate structure.
   6. Door frame to be exterior grade plywood as standard with 26 gauge steel covering to a finished thickness of 1 5/8".
   7. Gasket on full perimeter to be easily replaceable and grease-resistant with neoprene bulb-type seals.
   8. Hardware to include latch, strike and cam lift hinges.
   9. Freezer doors to be equipped with 4 sided, UL approved "Anti-sweat" gasket heaters or 3 sided with sweep heater in bottom of door plug. Heater cables to have self regulating thermostat. Heat cable to be single loop around all four sides of panel.

Part 3 - Execution

3.01 Examination

A. Verify installation conditions as satisfactory to receive work of this section. Do not install until unsatisfactory conditions are corrected. Beginning work constitutes your acceptance of conditions as satisfactory.
   1. Verify opening size, dimensions and tolerances.

3.02 Preparation

A. Protect surrounding areas and surfaces to prevent damage during work of this section.

3.03 Installation

A. Install the work in full accordance with manufacturer instructions. When mounting the door and track framing, the mounting surfaces shall be set true and level without distortion, shall be shimmed and caulked to assure tightness and true fitting and shall be securely lagged. Once installed, doors shall be checked for mechanical and electrical operation and tight uniform gasket sealing. Installation of pull switches, connections to power operated doors and gasket heaters are the responsibility of the electrical contractor.

3.04 Quality Assurance

A. Doors shall be guaranteed against defective materials and workmanship 5 years on panel and 2 years on parts.

3.05 Product Delivery, Storage and Handling

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

3.06 Cleaning and Adjustments

A. Clean all doors of excess sealant, grease, stains and 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 prior to facility turnover to owner.

R-Plus Cold Storage Doors ◆ 2271 NE 194th ◆ Portland, OR 97230
(800) 238-4093 ◆ Fax: (503) 665-2929 ◆ Sales@RPlusDoors.com ◆ www.RPlusDoors.com