

Panelfold[®]
Folding Doors
08350/PAO
PO Box 680130
Miami, Florida 33168

GUIDE SPECIFICATIONS FOR SERIES SCALE/4[®] FOLDING DOORS

PART 1 GENERAL

1.1 SCOPE

1.1.1 The requirements of the instructions to Bidders, General Conditions, Supplementary General Conditions and Section apply to all work hereinafter specified.

1.1.2 This section shall include the furnishing of all tools, equipment and labor necessary to complete all folding door work shown on drawings and/or herein specified.

1.1.3 Manufacturer shall furnish folding doors complete with hardware, jambs and all necessary mechanisms to provide complete operation. The folding doors herein after specified shall be installed by qualified factory trained craftsmen skilled in this trade.

1.2 RELATED WORK SPECIFIED ELSEWHERE

- 1.2.1 Section 03300 Cast-in-Place Concrete
- 1.2.2 Section 04200 Unit Masonry
- 1.2.3 Section 05100 Structural Metal Framing
- 1.2.4 Section 06100 Rough Carpentry
- 1.2.5 Section 06200 Finish Carpentry
- 1.2.6 Section 07920 Sealant and Caulking
- 1.2.7 Section 09250 Gypsum Board
- 1.2.8 Section 09300 Finish Ceilings
- 1.2.9 Section 09500 Acoustical Treatment
- 1.2.10 Section 09650 Finish Flooring
- 1.2.11 Section 09680 Carpet
- 1.2.12 Section 09900 Painting
- 1.2.13 Section 09950 Wall Coverings

1.3 SUBMITTALS

1.3.1 One sample of each color material to be used on the project.

1.3.2 Copies of properly identified manufacturer's literature with proposed catalog numbers identified.

1.3.3 Complete shop drawings showing elevations of units, locations in the buildings, conditions at openings with wall thickness and materials, typical and special details of construction, location and installation requirements for hardware and operators, shape and thickness of materials, joints and connections and material finishes.

1.4 PRODUCT DELIVERY, STORAGE AND HANDLING

- 1.4.1 Deliver materials to job site and protect unsealed materials from abrasions.
- 1.4.2 Identify each container with material name and identification number.
- 1.4.3 Store materials under cover, protected from weather and construction activities. Safe storage of materials prior to installation is to be the responsibility of the general contractor.

1.5 ACCEPTABLE MANUFACTURERS

The following manufacturers are acceptable if the product bid meets the criteria outlined in the specifications and detailed on the drawings. All others must submit to the architect for approval, no less than 10 days prior to the bidding, sufficient information to show that their product will meet the intent of the specifications: PANELFOLD, INC.

PART 2 PRODUCTS

2.1 FOLDING DOORS shall be manually operated wood, folding type as manufactured by Panelfold, Inc., Miami, Florida, U.S.A. and installed by an authorized representative of the manufacturer in openings prepared by others to Scale/4 requirements.

2.2 TRACK AND HANGERS: Track shall be extruded aluminum. Hanger assemblies with two nylon wheels shall be suspended on alternate panels. A four-wheel truck hanger assembly shall be installed on each end post.

2.3 PANEL SURFACES: Panels shall be specially laminated engineered wood core, bonded with water-resistant, plastic glue and surfaced with (specify one: wood veneer, wood grain vinyl, textured vinyl or high pressure decorative laminate). Genuine woods, wood grains, and colors from manufacturer's selectors.

2.4 CONNECTOR HINGES: Panels shall be hinged and edge sealed against sound light and air transmission with heavy duty, dual-wall, flame resistant, extruded vinyl. Hinges shall be securely locked into and protect the panel edges. They shall provide "Memory-Action" causing the panels to extend and stack equally, smoothly, and quietly. Color from manufacturer's selector.

2.5 TRIM: Doors shall be supplied with (specify: decorative track; optional plain track with track mould to conceal track; or optional plain track with extruded aluminum sub-channel for recessed track). A jamb mould for jamb closure shall be furnished.

2.6 HARDWARE: Handles, Touch-Bar automatic latches, all necessary screws, installation hardware and instructions shall be furnished. Security units shall be as specified: Privacy latch and emergency release; cylinder lock one side only; cylinder lock one side, privacy lock other; cylinder lock two sides. Master-keyed insert type cylinder with lazy cam and flat tail piece, by others, shall be installed in lieu of regularly furnished cylinder.

2.7 STACK FORMULA: Approximately 1-1/4"/ft. (105mm/m) plus 3" (76mm) for each end post assembly.

2.8 HANGING WEIGHT: Approximately 1.7 lbs./ft.² (8kg/m²).

PART 3 EXECUTION

3.1 EXECUTION

Before installation is commenced, inspect the opening. Surfaces shall be clean and dry. Concrete surfaces shall be free of excess mortar and lumps. Wood surfaces shall be well nailed and/or glued, nailed heads driven flush, and wood free of voids. Metal surfaces shall be free of grease, oil, dirt, rust, corrosion and welding slag, without sharp edges.

3.2 PREPARATION

Open containers and verify that all required parts are available and undamaged before disposing of containers. Arrange materials in proper sequence to conform to manufacturer's information and installation instructions.

3.3 INSTALLATION

3.3.1 Installer shall conform to the manufacturer's installation instruction sheets.

3.3.2 Apply perimeter caulking and trim as required.

3.3.3 Adjust locking hardware for accurate fit.

3.4 CLEANING

3.4.1 Clean all wood, vinyl, wall carpet, panel fabric and plastic laminate surfaces to remove soil without using abrasive cleaners or solutions containing corrosive solvents.

3.4.2 Remove debris from worksite.

3.5 DEMONSTRATION

3.5.1 After all adjustments, lubrications and clean up, the installer shall demonstrate and instruct the proper operation, function and maintenance procedures for the walls.

3.5.2 Deliver all keys, operation and maintenance manuals to the owner.