

**SECTION 08323 – CROSSED CORRIDOR DOUBLE EGRESS
DOOR PAIR ASSEMBLIES**

PART 1 – GENERAL

A. RELATED DOCUMENTS

1. The General Conditions, Supplementary General Conditions and Division 1 – General Requirements are hereby made a part of this Section as fully as if repeated herein.

B. DESCRIPTION:

1. Work Included: Cross corridor door pair assemblies including frames, doors, operating hardware and installation accessories for a complete labeled assembly.

C. RELATED SECTIONS

1. Section 01600 – Wall construction and rough carpentry.
2. Section 09250 – Gypsum Board: blocking for closer.
3. Section 09900 – Painting.
4. Section 15320 – Fire Protection.

- D. 1. Shop Drawings: Indicate each door and frame condition; frame type, Profile and installation detail; items of finish hardware, finishes and Electrical rough-in requirements in accordance with Section (01300).

E. QUALIFICATIONS

1. Installer Qualifications: Installer of door assembly shall be manufacturer trained installer familiar with product installation procedures.

F. DELIVERY, STORAGE, & HANDLING

1. Furnish all doors that are fully pre-finished with protective wrappings. Remove wrappings prior to acceptance of project.
2. Store doors in a clean, dry area, under cover, protected from weather and construction activities. Avoid use of non-vented plastic or canvas shelters which would create a humidity chamber.

G. WARRANTY

1. Provide manufacturers standard two year warranty against defeats in materials and workmanship and lifetime limited warranty on lock and panic exit devices. LNC closer to carry standard 10 year warranty (provided by LNC representative).

PART 2 – PRODUCTS

A. SYSTEMS MANUFACTURER

1. Total Door an OPENINGS Company
 40 West Howard
 Pontiac, MI 48342
 Phone: (248)335-7380
 E-Mail: infnow@totaldoor.com
 Fax: (248)335-6868
 Website: www.totaldoor.com

B. MATERIALS

1. Frames: Conform to Steel Door Institute (SDI) Standards 100 and 111A steel door frames, all-welded unit (or inter-lock) type, ASTM A366 cold rolled steel, 16 gauge, same labeled fire wall construction without distortion or stress.

2. Door Assemblies: “Total Door Assembly” by Total Door an OPENINGS Company of Pontiac, Michigan, complete with door, hinge and suspension system, locking channel mechanism, smoke seals and 20 gauge stretcher leveled, electro-galvanized and bonderized steel faces. Vertical galvanized reinforcement stiles shall be 16 gauge minimum. Top rails shall be 5-1/2” pressure treated lumber for rack resistance and for proper closer mounting. Door cores shall be solid polystyrene. Doors to be 1-3/4” thick construction with no seams or spot welds on door faces. Door assemblies shall demonstrably meet ANSI minimum federal performance standards.

ANSI MINIMUM PERFORMANCE STANDARDS

Steel Doors	- Level A	= 1,000,000 cycles
Hinges	- Grade 1	= 2,500,000 cycles
Mortise Locks	- Grade 1	= 800,000 cycles
Exit Devices	- Grade 1	= 250,000 cycles

Rated door assemblies to have been tested to meet the conditions of NFPA 252 as required by NFPA 101 section 6-2.3.3.

3. Hardware:
 - a. Panic Exit Device PF200 PEO or other function OPN
 - b. Pocket Closer 90 degree 4000T Wall Mounted LCN
 - c. Mag Holder 1504AQ24v EDW

C. FINISHES

1. Frames: Factory prime painted for field applied finish.
2. Hinge & Locking Channel: Two part polyurethane infrared baked finish. Color: Color selected by Architect from manufacturer's full range of Standard finishes.
3. Door Faces: Factory applied real hardwood veneer applied over steel faces, colors as selected by architect.
4. Hardware: ANSI Finish for exposed items;
 - a. Panic Exit Devices: 710
 - b. Closers: 710
 - c. Mag Holders: 710

D. FABRICATION

1. Unless modified by the Drawings or these Specifications, construct door assemblies to manufacturer's published specifications and applicable Code requirements.

PART 3 – EXECUTION

A. CONDITION OF SURFACES

1. Prior to commencing installation of the work, examine parts of the building structure which are to receive the assemblies or component parts and report in writing to the architect any conditions which would prevent the proper execution of the work or endanger its permanency.
2. Where at all possible, verify dimensions and field conditions before commencing fabrication. Notify architect where field dimensions are at variance with those of reviewed shop drawings. Corrective measures, where same as necessary, shall be determined and approved prior to commencing fabrication.
3. Coordinate door assembly details of adjacent work to assure proper attachments, clean junctions, etc.
4. Furnish welded or inter-lock frames with removable spreader bar at sill.

B. INSTALLATION

1. Install work in accordance with reviewed shop drawings and these specifications using only Openings manufacturers certified installers.
2. Set frames plumb and square to DHI standards and brace until adjacent wall or finish is constructed and securely anchor thereto. Furnish necessary clips, fastenings and anchorages and conceal unless otherwise noted.

3. Hang doors and adjust to freely swinging operation without binding, sticking, sagging or excessive clearances. Maintain manufacturers installation tolerances.
4. When installation is otherwise complete, adjust operating hardware for proper operation and function.

END OF SECTION 08323