

## SECTION 10605

### WIRE MESH DOORS AND PARTITIONS

#### PART 1 GENERAL

##### 1.01 SUMMARY

###### A. Related Sections:

1. 09900 - Painting

##### 1.02 SUBMITTALS

###### A. Shop Drawings:

1. Fabrication and erection of door and frame assemblies.
2. Plans, elevations, and details as required.
3. Anchorage and accessory items.
4. Finishes.
5. Provide location template drawing for bolt hole locations in supporting members for attachment of frames.

###### B. Finishes: Submit color selection for review.

##### 1.03 QUALITY ASSURANCE

###### A. Source Quality Control:

###### 1. Field Measurements:

- a. Take field measurements before preparation of Shop Drawings and fabrication, where possible, to ensure proper fitting of work.
- b. Allow for adjustments within specified tolerances wherever taking of field measurements before fabrication might delay work.

###### B. Coordination: Furnish inserts and anchorages to be built into other work for installation and related work. Coordinate delivery with other work to avoid delay.

#### PART 2 PRODUCTS

##### 2.01 MANUFACTURERS

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A. Wire Mesh Doors and Partitions:

1. Acorn Wire and Iron Works, Inc., New York, NY.
2. Kentucky Metal Products Co., Louisville, KY.
3. Miller Wire Works, Inc., Birmingham, AL.
4. Superior Wire and Metal Products, Inc., Harvey, IL.
5. Wire and Iron Products Inc., Detroit, MI.

2.02 COMPONENTS

- A. Wire Mesh Doors: Wire type constructed of 10 gage steel wire woven into 1-1/2" diamond mesh, securely clinched to door frame.

2.03 FABRICATION

- A. Vertical Door Members: 1-1/4" X 5/8" cold rolled "C" section channels.
- B. Horizontal Door Member: 1" X 1/2" cold rolled channels.
- C. Joints: Mortised and tenoned.
- D. Center Reinforcing Bar: 1" X 1/2" cold rolled channel tenoned to side members.
- E. Pass all wires through center bar.
- F. Sliding Door Frames: 1-1/2" X 3/4" channels with 1-1/2" X 1/8" flat bar cover all around.
- G. Provide two 4 wheel roller bearing hangers, box rack, and bottom guide channel.
- H. Cylinder Locks: Bronze, mortise type, heavy duty.
- I. Lock Cylinders: Furnish under Section, 08710 - Finish Hardware.
- J. Finish: One standard shop prime coat, machinery gray color. Final painting per Section 09900, Painting.

PART 3 EXECUTION

3.01 INSPECTION

- A. Do not proceed with the work of this section until

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conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

3.02 INSTALLATION

- A. Include all bolts, hardware, and accessories for a complete installation.
- B. Finish per Section 09900, Painting.
- C. Bracing: Field bracing shall be furnished by erector.

END OF SECTION