SECTION 08 3100

ACCESS DOORS AND PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Access doors and frames for wall and ceiling surfaces.

B. Related Sections:
1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 REFERENCES

A. ASTM International (ASTM):
1. A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
2. A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.

B. Underwriters Laboratories (UL) 10B - Standard for Fire Tests of Door Assemblies.

1.3 SUBMITTALS

A. Submittals for Review:
1. Product Data: Provide sizes, types, finishes, scheduled locations, and details of adjoining work.

1.4 QUALITY ASSURANCE

A. Fire Door Construction: Conform to UL 10B.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturers:
1. Babcock-Davis Hatchways, Inc. (www.babcockdavis.com)
2. J.L. Industries. (www.jlindustries.com)
3. Karp Associates, Inc. (www.karpinc.com)
4. Milcor. (www.milcorinc.com)
5. Nystrom Building Products, Inc. (www.nystrom.com)
6. Or equal

2.2 MATERIALS

A. Steel Sheet: ASTM A1008/A1008M, cold rolled.

B. Galvanized Steel Sheet: ASTM A653/A653M, Structural Quality.

2.3 FABRICATION

A. Fabricate door frame of steel sheet:
   1. Doors 16 x 16 inches and smaller: Minimum 18 gage.
   2. Doors over 16 x 16 inches: Minimum 16 gage.
   3. Fabricate frames with drywall and masonry flanges as required.

B. Fabricate non-rated door panels of minimum 14 gage steel sheet.

C. Recess door face to receive gypsum board flush with adjacent surface.

D. Weld, fill, and grind joints to flush and square appearance.

E. Hardware:
   1. Continuous steel hinges, 175 degree opening.
   2. Screwdriver operated cam latch.

2.4 FINISHES

A. Interior Doors: One coat rust-inhibiting primer paint, sprayed and baked.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install units in accordance with manufacturer's instructions.

B. Install plumb and level in openings. Secure rigidly in place.

C. Position units where indicated or where required to provide convenient access to concealed work requiring maintenance.

END OF SECTION

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