

**SECTION 08 33 10
INSECT SCREEN DOOR**

PART 1 - GENERAL**1.1 DESCRIPTION**

This section specifies insect screen doors of sizes shown, complete as specified.

1.2 RELATED WORK

A. Opening preparation: Section 08 33 00, Coil Doors.

1.3 MANUFACTURER'S AND INSTALLER'S QUALIFICATIONS

- A. Insect screen doors shall be products of manufacturers regularly engaged in manufacturing items of type specified.
- B. Install items under direct supervision of manufacturer's representative or trained personnel.

1.5 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Shop Drawings:
 - 1. Door showing details of construction, accessories and hardware.
- C. Manufacturer's Literature and Data:
 - 1. Brochures or catalog cuts.
 - 2. Manufacturer's installation procedures and instructions.
 - 3. Maintenance instructions and parts lists.

1.6 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. American Society for Testing and Materials (ASTM):
 - A653/A653M-10.....Steel Sheet, Zinc-Coated (Galvanized) Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process

PART 2 - PRODUCTS**2.1 MATERIAL**

- A. Galvanized Steel: A653/A653M-10 for steel components.
- B. Screen: 10 oz. per square yard, high strength, vinyl coated polyester weave screen material. Thread count 16x11 per square inch. Color Royal Blue. Screen treated with light stabilizers to resist fading, mildew

inhibitors. Screen shall be self-extinguishing, fire retardant fabric conforming to applicable fire code.

C. All components shall be by same manufacturer.

2.2 DESIGN REQUIREMENTS

A. Insect Screen Door shall be bi-panel, inside (interior) face mounted with guides at header set back a sufficient distance to provide a clear opening when door is in open position.

B. Refer to Drawings for additional requirements.

2.3 FINISHES

A. Steel parts shall be galvanized.

2.4 MANUFACTURER

A. Insect screen door shall be Model SC-500 Bi-parting/face mount by Hormann-Flexon or approved equal.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install insect screen door in accordance with approved shop drawings and manufacturer's instructions.

B. Locate anchors and inserts for guides, brackets, hardware, and other accessories accurately.

C. Securely attach guides to adjoining construction as per manufacturer.

3.2 REPAIR

A. Repair prime painted zinc-coated surfaces and bare zinc-coated surfaces that are damaged by the application of galvanizing repair compound. Spot prime all damaged shop prime painted surfaces including repaired prime painted zinc-coated surfaces.

B. Insect screen door shall be lubricated, properly adjusted, and demonstrated to operate freely.

C. Repair any damage done to insect screen door finish and components.

3.3 PROTECTION

A. Protect insect screen door from damage during the construction project.

3.4 INSPECTION

A. Upon completion, insect screen door shall be free from warp, twist, or distortion.

B. Inspect insect screen door for proper operation. Correct any deficiencies noted at no cost to the VA.

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