

SECTION 07720

ROOF HATCHES

1 PART 1 GENERAL

1.1 SUMMARY

- A. Section includes prefabricated roof hatches operable hardware, and Counterflashings.

1.2 SUBMITTALS

- A. Product Data: Submit data on unit construction, sizes, configuration, jointing methods and locations when applicable, and attachment method.

2 PART 2 PRODUCTS

2.1 ROOF HATCHES

- A. Manufacturers: (Equal to)
  - 1. Bilco Type "S" Roof Scuttle
- B. Product Description: Shop fabricated roof hatches and vents, support curb; operating hardware; smoke and heat vents.
- C. Unit: 3'0" x 2'6" size, single leaf type listed by UL.
- D. Integral Steel Curb: Galvanized steel with rigid glass fiber insulation; integral cap flashing to receive roof flashing; extended flange for mounting.
- E. Cover: Prime painted steel; glass fiber insulation; sandwiched by steel interior liner; continuous thermoplastic rubber gasket to provide weatherproof seal.
- F. Hardware:
  - 1. Compression spring operator and shock absorbers.
  - 2. Steel manual pull handle for interior and exterior operation; padlock hasp.
  - 3. Steel hold open arm with vinyl covered grip handle for easy release.
  - 4. Hinges: Manufacturer's recommended type for specific type of hatch.
  - 5. Provide with operational safety post.

2.2 FABRICATION

- A. Fabricate components free of visual distortion or defects. Weld corners and joints.
- B. Fit components for weather tight assembly.

3 PART 3 EXECUTION

3.1 INSTALLATION

- A. Install curb assembly, fastening securely to roof decking.
- B. Place roof hatch and secure to curb assembly. Install integral setting sealant and counterflashing as required for Project conditions.
- C. Coordinate with installation of roofing system and related flashings for weather tight installation.
- D. Apply bituminous paint on surfaces of units in contact with cementitious materials or dissimilar metals.

...END OF SECTION