



SECTION 07720
ROOF ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Roof Hatch

1.2 RELATED SECTIONS

- A. Section 07 31 13 – Asphalt Shingles: Rough-in and installation requirements.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Installation methods.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 years' experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 years' experience installing similar products.
- C. Concealed Emergency Attic Egress System: U. S. Patent Number 7,650,723B1
- D. Meets International Residential Code 2006 and 2001 National Design Specifications for Wood Construction. Meets wind up-lift 130 mph. Exposure C loading (ASCE-7-05 publication).

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity and ventilation) within limits recommended by manufacturer's recommended limits.

1.7 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.8 WARRANTY

- A. Manufacturer shall guarantee to the original consumer purchaser (“Original Purchaser”) of Hide Tide Escape Hatch (hereafter referred to as “Products”) that Manufacturer will replace any such Products that are defective in materials or workmanship. If replacement is not commercially practical or cannot be made in a timely manner, then Manufacturer shall, at its discretion, refund the purchase price. This warranty applies only to installation of the Products in a residence or home.
- B. The Warranty starts on the date of installation of the Products on the Home (“Start Date”) and remains in effect for thirty years. Manufacturer shall automatically extend full coverage under this Warranty to the original owners of the Home and any subsequent owners for the duration of the warranty period.
- C. This Warranty shall not cover damage or defects relating to misuse or abuse of the Products or alterations to the Products or normal wear and tear or acts of nature, building settling, structural failures of walls or foundations or improper installation, storage, handling or failure to properly care for and maintain the Products or any other cause outside the control of Manufacturer. Normal wear, including discoloration, is not a defect and is not covered by the Warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: **High Tide Escape Hatch**; which is located at: 717 Central Drive, Port Neches, TX 77651. **Tel: 409-729-5558**; Fax 409-727-6206; **Email:** request info **Jason Ford, General Manager**, questions@hightideescapehatch.com; **WEB:** www.hightideescapehatch.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 Roof Hatches

MANUFACTURED UNITS

High Tide Escape Hatch: Furnished and install where indicated on the plans or drawings. The single-leaf design will be pre-assembled from the manufacturer.

DOOR: 23/32 CDX 3/4” Grade Plywood. APA performance rated sheathing. Span rated sheathing 48/24. Exposure 1 rated.

Internal Door Frame: Primed steel 3/4” x 3/4” 11 gauge material.

Outside Frame: 14 gauge. 2 1/2” x 1 1/2” Item: # 76121 Metal Mart.

Hinges: Barrel Hinges 5/8” Diameter, 2” Height, 35 lbs. Item: #44-2020 King Architectural Metals.

Latches: Slide Latch with Holdback Spring. 4” length with 3/8” diameter.
#2ZNSBL LH-HB and #2ZNSBL RH-HB Hinges and Hardware.

Turn Handle: 8” Flat Bar Crank Handle. 4” Flat Bar Swing Arm. All-thread 9” 13 to 1” Zinc Rod. Threaded Bushing 1 3/8” x 1 1/4”.

Fasteners: Pan Head Sheet Metal Screws. Item # 41084 Hillman.

717 Central Drive, Port Neches, TX 77651 www.hightideescapehatch.com Tel: 409-729-5558 Fax: 409-727-6206

FINISHES

General: Valspar Oil Enamel OSHA Safety Red, Safety Orange, and Satin Black.

EXECUTION

EXAMINATION

Verification of Conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.

Verify tolerances and correct improper conditions.

Do not proceed until unsatisfactory conditions have been corrected.

INSTALLATION

Install roof accessory items and components per manufacturer's instructions.

Coordinate installation of components of this Section with installation of roof deck, roof structure, roofing membrane and base flashing.

ADJUSTING

Adjust movable parts for smooth operation.

Operational Units: Test and operate all operable components. Clean and lubricate joints and hardware. Adjust for proper operation.

END OF SECTION