

## Section 07720

### Roof Access Hatches

#### Part 1 – General

##### 1.1 Work Included

Include all labor, materials, equipment and services required to complete the installation of the roof accessories shown on the drawings and/or herein specified.

##### 1.2 Submittals

Submit manufacturer's catalog cuts and shop drawings for approval, prior to order.

##### 1.3 Warranty

Provide the General Contractor with a seven (7) year manufacturer's warranty.

#### Part 2 – Materials

##### 2.1 Manufacturers

- a. Acralight International Skylights, 1831 S. Ritchey Street, Santa Ana, CA 92705, phone: (800 325-4355) www.acralight.com
- b. Or approved equal (Prior approval by Architect to be obtained 10 days prior to bid date)

##### 2.2 Products

- a. RailingReady® access hatch (size as indicated on drawings). Frame shall be 14 gauge galvanized steel or 11 gauge aluminum and shall have a 12" high self flashing curb with a 3 ½" pre drilled mounting flange, 1" fiberboard insulation, (double wall curb optional) integral cap flashing and finished with a Federal Safety Red powder coat finish or mill finished aluminum. All hardware shall be corrosion resistant and all fasteners shall be self-locking type.
- b. Frame and Base shall be ACRALIGHT International's Uni-Frame seamless design to eliminate potential water penetration between the frame and base.
- c. Cover shall be a 14 gauge galvanized steel lid or 11 gauge aluminum with 1" rigid foam insulation, a galvanized steel liner or aluminum liner and finished with a Federal Red powder coat finish or mill finished aluminum.
- d. Cover operation shall be assisted with a torsion spring and include a hold-open arm with vinyl handle to lock hatch in open position, locking devices having an inside and outside handle and inside padlock hasp. Provide an interior pull handle for hatch closure.
- e. Roof hatch curb shall be factory prepared to receive the OSHA compliant KeeHatch™ Railing System as manufactured by The Safety Rail Source.
- f. Cover shall be mounted to a heavy-duty hinge and pivot pin and have a continuously extruded santoprene gasket around entire perimeter of cover.

#### Part 3 – Execution

##### 3.1 Installation

- a. Securely install to roof deck as per drawings and manufacturer's approved shop drawings. If applicable, install KeeHatch™ railing systems in accordance with manufacturer's recommended installation guidelines to insure a weather tight installation. Test roof hatch for proper operation after installation.

End of Section