

STANDARD SPECIFICATION  
JANUARY 2010

**DIVISION 7**

**SECTION 7C SKYLIGHTS AND SCUTTLES**

7C.01 GENERAL: Comply with all of the Contract Documents.

7C.02 SCOPE OF WORK: Refer to "Division Scope of Work"

**7C.03 WORK NOT INCLUDED**

A. The following items are excluded from the work of this Section:

1. Roofing - Section 7B.
2. Removal of skylights - Section 2A.

**7C.04 MATERIALS AND DESIGN**

A. Stair and Air Shaft Skylights:

1. Stair skylights shall be fabricated of galvanized frame with 40 square inch of open ridge ventilation, and with wire mesh above and below plain clear glass, meeting all requirements of the authorities having jurisdiction. Glass shall be 1/8" in thickness. Protective wire screens of No.12 steel wire gauge, 3/4" mesh shall be positioned 4 to 10 inches above the glazed portion extending at least the same distance beyond the glazing and similar screen below the skylight.
2. Skylight to be constructed in conformance with New York City Department of Buildings regulations.
3. For details see Architect drawings.

B. Stair scuttles:

1. Stair scuttles shall be fabricated of:
  - a. 14 GA galvanized curb frame.
  - b. 14 GA pain bond galvanized steel or 11 GA aluminum metal hatch door with 24" x 36" minimum opening meeting all requirements of the authorities having jurisdiction. Door shall withstand a uniform 40 psf load in closed position.
  - c. 20" wide ladder with flat stringers 1 1/2" x 3/8" with 5/8" diameter rungs spaced not more than 12" o.c. No field welding is permitted.

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2. Scuttles and ladders to be constructed in conformance with New York City Department of Buildings regulations and UL or FM approval.

C. Hardware:

1. All hardware shall be plated for corrosion resistance.
2. Manufacturer shall provide a five year warranty against defects in material, function and workmanship.

7C.05 SUBMITTALS

- A. Submit shop drawings of each skylight to Architect/Engineer, for approval prior to fabrication.

7C.06 GUARANTEES

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer's standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION