

08 63 00 – Metal Framed Skylights

DIVISION 8 - Openings



STATEMENT OF PURPOSE & BACKGROUND

- Scope:
 - o Selection of metal-framed skylights with glass glazing for daylighting interior spaces.
 - o See Section 08 45 00 for Translucent Panel Assemblies.
- Statement of goals:
 - o Provide consistent, high quality products that are functional, aesthetic and durable.
- Revision history of section:
 - o 12/4/18 (date of adoption)

OUTLINE SPECIFICATION

- Part 1 General
 - o Quantities and locations of metal framed skylights to be as indicated on Drawings.
- Part 2 Products
 - o Acceptable Manufacturer(s):
 - Auburn Skylights, a division of Major Industries Inc., 1-888-759-2678; www.majorskylights.com
 - Equivalent manufacturers **approved, in writing, in advance, by the Architect**, may be substituted in accordance with the provisions of the Contract.
 - o Metal Framed Skylights:
 - Style: Single Slope, Standard Ridge, Hip Ridge, or Pyramid as indicated on drawings.
 - Framing Materials:
 - Extruded Aluminum, ASTM B221. Material alloy, temper and thickness to be as required for loading, deflection, cross-sectional configuration and finish.
 - Glazing Strips:
 - Extruded APDM rubber, Durometer 70 plus or minus; Color Black.
 - Flashing:
 - Formed aluminum Components and Flashing: Alloy 5005-H34 or equivalent. Minimum thickness 0.040 inch.
 - Condensation Control System:
 - Mechanically design condensation control system with minimal dependency on sealants.
 - Skylight system to have integral gutter system on all framing members including rafters.
 - Curb:
 - Continuous aluminum curb with expansion joints as required.

- Locate weep holes in curb to drain condensation to exterior of skylight at each rafter connection.
 - Sealants:
 - Non-structural flush glazed joints and weather seal joints: Silicone sealants.
 - Finishes:
 - Anodized Coating: Architectural Class I Clear Anodized.
 - Glass:
 - Insulating glass: exterior lite: tempered glass; interior lite: laminated glass.
- Part 3 Execution
 - o Per Consultant and / or manufacturer specification.
 - o Install skylights including flashings, fasteners, hardware, sealants, and glazing materials required for a complete, weatherproof installation.
 - o Clean installed skylights inside and outside in accordance with manufacturer's instructions.
 - o Remove labels and other markings from components.
 - o Protect installed products until completion of project.
 - o Remove and replace any glass units that are chipped, cracked, abraded or otherwise damaged.

End of Section