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SECTION 05 51 33 – ALUMINUM LADDERS

GENERAL

SUBMITTALS

Action Submittals:

Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

Informational Submittals:

Certificate of Compliance: Certification that installed products meet specified design requirements.

SYSTEM DESCRIPTION

Design Requirements:

Design ladder assemblies to support:

* + - * 1. Anticipated loads caused by ice buildup, winds, rigging, and impact loads resulting from use of ladder safety devices.
        2. Minimum 300 pound concentrated on each step applied in middle of step.

QUALITY ASSURANCE

Installer Qualifications: Firm specializing in work of this Section, with minimum [2] [\_\_] years’ experience.

Ladder Assemblies: Comply with OSHA 29 CFR 1910, subpart D.

WARRANTIES

Provide manufacturer’s 2 year warranty against defects in materials and workmanship.

PRODUCTS

MANUFACTURERS

Contract Documents are based on products by ErectaStep, [www.erectastep.com](http://www.erectastep.com).

Substitutions: [Refer to Division 01.] [Not permitted.]

MATERIALS

Aluminum:

Extrusions: ASTM B221.

Sheet: ASTM B209.

ACCESSORIES

Fasteners: Corrosion-resistant coated steel.

FABRICATION

Fabricate stairs in accordance with approved Shop Drawings.

Construction: Aluminum, welded assembly.

Ladder Width: 16 inches minimum clear between handrails.

Maximum Riser Height: 10 to 14 inches depending on required ladder height.

Risers: Open type.

Handrails: 2 x 2 inch O.D. square tubing.

Welding: AWS D1.2/D1.2M.

FINISHES

Aluminum:

* + - 1. Ladder: Mill finish.

Handrail: Safety Yellow powder coat.

EXECUTION

INSTALLATION

Install ladders in accordance with manufacturer’s instructions and approved Shop Drawings.

END OF SECTION