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SECTION 05 51 36.19 – ALUMINUM PLATFORMS

GENERAL

SUBMITTALS

Action Submittals:

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

Samples: [Selection samples.] [Verification samples.]

Informational Submittals:

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

SYSTEM DESCRIPTION

Design Requirements:

Design stair assemblies to support minimum 1000 pound concentrated load applied at any point. Design platform to support 50 psf, distributed load

Design guard rails to resist following without damage or permanent set:

* + - * 1. 50 pounds per linear foot applied in any direction at top.
        2. Concentrated 200 pound load applied in any direction at any point along top.

QUALITY ASSURANCE

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

Platform 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 platforms in accordance with approved Shop Drawings.

Platform Size: [\_\_ x \_\_.] [As indicated.]

Walking Surfaces:

Aluminum construction, welded assembly.

Stamped, positive traction walking surface.

Stairs:

Aluminum construction, welded assembly.

Width: 22 inch minimum clear between handrails.

Treads: 9.5 inches deep.

Maximum riser height: 9.5 inches maximum.

Risers: Open type.

Railings:

* + - * 1. Provide guard rail at 42 inches above tread nosings.
        2. 1.9 inch outside diameter.

Guardrails:

Provide guard rail at 42 inches above walking surface.

Aluminum construction, welded assembly.

1.9 inch outside diameter.

Platform Towers: Aluminum construction, welded assembly.

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

FINISHES

Aluminum:

* + - 1. Platforms: Mill finish.

Railings: Safety Yellow powder coat.

EXECUTION

INSTALLATION

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

END OF SECTION