

SECTION 09 7813
ALUMILINE LINEAR METAL WALL PLANKS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes

1. Extruded aluminum linear wall planks.
2. Accessories for wall installation.

B. Related Requirements

1. Division 01 - General Requirements.
2. Section 07 2719 – Plastic Sheet Air Barriers.
3. Section 07 9200 - Joint Sealants.
4. Section 08 8000 - Glazing
5. Section 09 2900 - Non-Structural Metal Framing

1.2 SUBMITTALS

- A. Product Data: Manufacturer's technical data sheet and installation instructions for each type of wall plank required.
- B. Shop Drawings: Submit shop drawings, including details, for all walls. Coordinate wall layout, installation, and components with construction elements that penetrate walls or are supported by them. Show overall layout with dimensions and details for penetrations and intersections with other materials or building components.
- C. Samples: Submit three (3) full size samples of each plank type required.
- D. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.
- E. Test Reports: Upon request, submit certified test reports from recognized test laboratories.

1.3 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturers: Provide linear metal wall planks with reveal from a single manufacturer.

SECTION 09 7813
ALUMILINE LINEAR METAL WALL PLANKS

2. Installers: Utilize an installer who has demonstrated experience on projects of comparable size and complexity.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Delivery Requirements:

1. Follow manufacturer's delivery and receiving instructions.

B. Storage and Handling Requirements:

1. Deliver material in the manufacturer's original, unopened, undamaged containers with identification labels intact.
2. Handle products carefully to avoid damage.
3. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1.5 MAINTENANCE MATERIAL

A. Extra Materials:

1. If extra materials are required, amount, type, color, and pattern of material to be determined by the installer.
2. Extra materials shall be from the same production run as the original materials.
3. Extra materials shall remain in the manufacturer's original packaging and given to the building owner upon substantial completion of the work. Store extra materials per instructions described in storage and handling requirements.

1.6 SITE CONDITIONS

A. Ambient Conditions:

1. Maintain ambient temperature and humidity conditions at levels indicated for the project when occupied for its intended use.
2. Do not install products under environmental conditions outside manufacturer's recommended limits.

- B. Existing Conditions:** Do not install linear metal wall planks until space is enclosed and weather proofed, wet work is completely dry, and work on walls is complete.

1.7 WARRANTY

SECTION 09 7813
ALUMILINE LINEAR METAL WALL PLANKS

- A. Provide manufacturer's written product warranty per Section 01 7704 – Closeout Procedures and Training. Standard 12-month manufacturer's warranty from date of shipment covering defects in materials

PART 2 - PRODUCTS

2.2 MANUFACTURERS

- A. Aluminum Planks, Heavy Commercial Traffic: Subject to compliance with requirements, provide ASI Architectural metal wall linear alumiline, or comparable product by one of the followings:
 - 1. ASI Architectural, 123 Columbia Court N, Chaska, MN 55318. Phone: 888-258-4637. Fax: 952-448-2613. Website: www.asiarchitectural.com
 - 2. LB Longboard, Phone: 800-604-0343; www.longboardproducts.com
 - 3. Sculptform, Phone: 206-347-4003, www.sculptform.com
 - 4. AL13 Architectural systems; Phone: 855-929-2361, www.AL13.com
 - 5. Or approved as equal.

2.3 MATERIALS

- A. Alumiline linear metal wall planks shall meet the following minimum standards. manufactured by ASI Architectural.
 - 1. Construction: Extruded aluminum linear plank sections
 - 2. Module: 4" T&G Butt Joint Module - Flat.
 - 3. Finish: Powder Coat - Color.
 - 4. Finish Color: To match existing color; provide sample to City project manager and architect for review prior to purchasing.
 - 5. Plank Width: 3-1/4"; match existing; field verify size.
 - 6. Reveal Width: None; provide T&G Butt Joint.
 - 7. Length: 10 feet

2.4 ACCESSORIES & TRIMS

- A. Attachment hardware for wall planks as specified by manufacturer for installation.
- B. Spline for alignment.
- C. Class A FR MDF blocking.

SECTION 09 7813
ALUMILINE LINEAR METAL WALL PLANKS

D. Accessories:

1. ABS – Exterior Filler strip.
2. Acoustical backer: (1") / (2") x 24" x 48". Black.
3. F-channel vertical trim: 3/4" x 4" x 120". F-channel vertical trim finish to match finish of wall planks. Provide all required trims to complete the work such as: Wall Angle, Shadow Moulding, F-Trim, Inside Corner, Outside Corner, H-Trim, and J-Trim; finishes to match of wall planks.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verification of Conditions:

1. Inspect installation area and conditions under which work is to be performed for compliance with all manufacturers' environmental requirements.
2. All wet work in the installation area must be complete, cured, and dry prior to installation.
3. Wall assembly shall be complete, inspected, and accepted before wall work begins.

3.2 INSTALLATION

- A. Comply with manufacturer's instructions and recommendations for installation of wall planks and industry standards.
- B. Coordinate the exact size, location, and sequencing of penetrations of wall planks by all building components.
- C. Lay out wall pattern per approved shop drawings if required. Where not otherwise indicated, lay out planks so margins on opposite sides of rooms are equal or greater than half (1/2) the plank width.

3.3 ADJUSTING

- A. Adjust planks after installation so that surfaces are aligned, flush, and level with gaps between units consistent in width and straight.

3.4 CLEANING

- A. Clean surfaces of wall planks per manufacturer's instructions.

SECTION 09 7813
ALUMILINE LINEAR METAL WALL PLANKS

- B. Remove and replace damaged or discolored material and material that cannot be properly cleaned.

3.5 PROTECTION

- A. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the owner.

END OF SECTION