SECTION 09 74 13

Linear Wood Wall Planks

**PART 1 GENERAL**

1. **SECTION INCLUDES**
	1. Linear wood veneer, solid wood, and laminate wall planks with tongue and groove.
	2. Accessories for wall installation.
2. **SUBMITTALS**
	1. Product Data: Manufacturer’s technical data sheet and installation instructions for each type of wall plank required.
	2. 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.
	3. Samples: Submit three (3) full size samples of each plank type and veneer type required.
	4. Certificates: Submit manufacturer’s certificate that products meet or exceed specified requirements.
	5. Test Reports: Upon request, submit certified test reports from recognized test laboratories.
3. **MAINTENANCE MATERIAL**
4. Extra Materials:
	* 1. Deliver no less than two percent (2%) of each type, color and pattern of material.
		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 as described in storage and handling requirements.
5. **QUALITY ASSURANCE**
	1. Qualifications:
		1. Manufacturers: Provide wood wall planks with tongue and groove from a single manufacturer.
		2. Installers: Utilize an installer having demonstrated experience on projects of comparable size and complexity.
6. **DELIVERY, STORAGE, AND HANDLING**
	1. Storage and Handling Requirements:
		1. Handle products carefully to avoid damage or chipping edges.
		2. Store products in a clean, cool, dry place, and out of direct sunlight.
		3. Store products in a space where the ambient temperature and humidity conditions are being maintained at the levels indicated for the project when occupied for its intended use.
7. **SITE CONDITIONS**
	1. Ambient Conditions:
		1. Permit planks to reach room temperature, 50 to 86 degrees Fahrenheit. Stabilize moisture content, 25 to 55 percent RH, for at least 72 hours before installation per AWI standards.
		2. Maintain ambient temperature and humidity conditions at levels indicated for the project when occupied for its intended use.
		3. Do not install products under environmental conditions outside manufacturer’s recommended limits.
	2. Existing Conditions: Do not install wood wall planks until space is enclosed and weather proofed, wet work is completely dry, and work on walls is complete.
8. **WARRANTY**
	1. Provide manufacturer’s written product warranty per Section 01 77 00 – Closeout Procedures.

**PART 2 PRODUCTS**

1. **MANUFACTURERS**
	1. ASI Architectural, 123 Columbia Court N, Chaska, MN 55318.
	Phone: 888-258-4637. Fax: 952-448-2613. Website: www.asiarchitectural.com
2. **DESCRIPTION**
	1. Product: Linear wood wall planks with tongue and groove as manufactured by ASI Architectural.
	2. Product Options: For each item listed below, please select one (1) option from the choices.
		1. Plank Composition: (Wood veneer) / (Solid wood) / (Laminate)
		2. Core: Veneer and Laminate: Interior: (Class A FR Particle Board) / (Class A FR MDF Board) / Exterior: (MR Particle Board)
		3. Finish: Veneer Only: (Custom stain to match architect sample with clear lacquer topcoat) / (Clear lacquer topcoat)
		 Laminate Only: (Laminate to match architect’s selection)
		 Solid Only: (Custom stain to match architect sample with clear Class A topcoat) / (Clear Class A topcoat)
		4. Wood Species: (Custom to match architect sample) / (Choose from list of standard species on ASI Architectural website)
		5. Plank Face Width: (3")/(4")/(5")/(Custom)
		6. Plank Length: All plank composition options: (8’) / (10’)
		 Solid wood only: (Random 3’ – 10’)
		7. Joint Condition: Wood veneer and solid wood: (Butt Joint) / (Flat V-Groove Joint) / (V-Groove Joint)
		 Laminate: (Butt Joint)
3. **ACCESSORIES**
4. Attachment hardware for wall planks as specified by manufacturer for installation.
5. Accessories with Options: Select one (1) option from the choices for each of the following accessories.
	1. Vertical trim: 3/4" x (4")/(6")/(Custom) x (96")/(120"). Vertical trim finish to match finish of wall planks.

**PART 3 EXECUTION**

1. **EXAMINATION**
	1. 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.
2. **INSTALLATION**
3. Comply with manufacturer’s instructions and recommendations for installation of wall planks and industry standards.
4. Coordinate the exact size, location, and sequencing of penetrations of wall planks by all building components.
5. 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.
6. **ADJUSTING**
7. Adjust planks after installation so that surfaces are aligned, flush, and level with gaps between units consistent in width and straight.
8. **CLEANING**
9. Clean surfaces of wall planks per manufacturer’s instructions.
10. Remove and replace damaged or discolored material and material that cannot be properly cleaned.
11. **PROTECTION**
12. 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