

SECTION 12 10 00
Art

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Furnishing accessories.

1.2 RELATED SECTIONS

- A. Section 06 10 00 - Rough Carpentry.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - 4. Maintenance instructions
- C. Verification Samples: For each finish product specified sample, representing actual product and finish. Verification sample to be in 8"x10" size showing picture orientation & cropping if applicable. Physical sample to be limited to (1) physical sample at 50% quality for image verification and orientation only.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship if required
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship is approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.5 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this section.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage. Ensure manufacturer packaging intact until ready for installation.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.8 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Artistic Images
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements but must meet performance and material requirements established with this section.

2.2 MATERIALS

- A. Substrate: 0.045" (1mm) Gauge, double coated aluminum substrate for high-definition prints.
 - 1. All substrates to be first rate quality and condition. "Shop Grade" or "Dot Materials" are not acceptable substrates. All panels to be "Gallery" quality and free from all defects.
- B. Fabrication: Panels to be cut exclusively via CNC machine. No cutting or trimming permitted by panel saw or shears.
 - 1) Quality Assurance: All panels to be cut via CNC machine process to ensure exact, true, and square
- C. Image Transfer: Image transfer via dye sublimation on Epson F Series (F7200) with capacity to produce images ranging up to 48" x 96"
 - 1) Ink: Exclusively Epson inks.
 - 2) Heat Press: Heat press to be pneumatic variety capable of accommodating prints up to 48" x 96" by Triton.
 - a) Duration of heat press process to be ten (10) full minutes under 300 degrees to ensure maximum color and range transfer.

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PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent construction.

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3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

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