

J. Aaron

Solid Wood Surfaces

SECTION 06614

COMPOSITE SURFACING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. This Section includes composite surfacing for the following applications:
 - 1. Countertops.
 - 2. Bathroom vanities.
 - 3. Bar tops.
 - 4. Tabletops.
 - 5. Conference tables.
 - 6. Window sills.
 - 7. Reception areas.
 - 8. Transaction tops.
 - 9. Credenza tops.

1.2 RELATED SECTIONS

- A. Section 05500 - Metal Fabrications: Blocking.
- B. Section 06100 - Rough Carpentry: Blocking.
- C. Section 06200 - Finish Carpentry: Plywood substrate.
- D. Section 06410 - Custom Cabinets: Casework substrate.
- E. Section 11450 - Residential Equipment: Cooktops.
- F. Section 15410 - Plumbing Fixtures: Sinks, faucets.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. [Product Data]: Manufacturer's data sheets on each product to be used, including:
 - 1. Product description.
 - 2. Fabrication instructions and recommendations.
 - 3. Storage and handling requirements and recommendations.
 - 4. Installation methods.
- C. Shop Drawings:
 - 1. Indicate dimensions, edge configurations, cutouts, and relationship to adjacent construction.
 - 2. Show locations and sizes of furring, blocking, including concealed blocking and reinforcement specified in other Sections.
 - 3. Show locations and sizes of cutouts and holes for plumbing fixtures, faucets,

soap dispensers, waste receptacle and other items installed in durable surfaces.

- D. Samples:
 - 1. For each type of product indicated.
 - a. Submit minimum 5 by 7 inch (127 by 177.8 mm) sample in specified gloss.
 - b. Cut sample and seam together for representation of inconspicuous seam.
 - c. Indicate reasonable range of color and pattern variation.
 - 2. Approved samples will be retained as a standard for Work.
- E. Manufacturer Certificates:
 - 1. Compliance Certificate: Signed by manufacturer, indicating compliance with specified performance requirements.
- F. Maintenance Data: Cleaning instructions, scratch removal procedures, and materials harmful to countertops.
- G. LEED Submittals: Submit the following in accordance with Section 01300 - LEED Submittals.
 - 1. Credit MR 5.1, Regional Materials: 20 percent manufactured regionally.
 - 2. Credit MR 4.1, Recycled Content: 10 percent (post-consumer plus 1/2 pre-consumer.)
 - 3. Credit MR 4.2, Recycled Content: 20 percent (post-consumer plus 1/2 pre-consumer).
 - 4. Credit ID 1, Innovation in Design: Exemplary Performance: Recycled Content: 30 percent or greater.

1.4 QUALITY ASSURANCE

- A. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.
- B. Installer: Trained and approved by wood countertop manufacturer.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver components to project site until products are ready for installation.
- B. Store components indoors prior to installation.
- C. Handle materials to prevent damage.
- D. Provide protective coverings to prevent physical damage or staining following installation for duration of project.

1.6 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 absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Approved Manufacturer: J. Aaron LLC, 733 Glendale Rd. #A, Scottdale, GA 30079. Telephone: 404-298-4200. Fax: 404-298-4228. Web: www.jaaroncaststone.com E-mail: info@jaaroncaststone.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIAL

- A. Approved Product: J. Aaron solid wood countertops.
 - 1. Weight and Size:
 - a. Weight: Varies according to wood species and thickness.
 - b. Finished Thickness: 1-1/4 inch (31 mm) up to 5-1/2 inch (139.7 mm)
 - 2. Edge Detail:
 - a. Half bullnose.
 - b. Full bullnose.
 - c. Pencil.
 - d. Eased.
 - e. Platner.
 - f. Ogee.
 - g. Mitered.
 - h. As indicated on Drawings.
 - 3. Species:
 - a. American Cherry.
 - b. African Mahogany.
 - c. Black Walnut.
 - d. Brazilian Cherry.
 - e. Bubinga.
 - f. Canary Wood.
 - g. Hard Maple.
 - h. Hickory.
 - i. Iroko.
 - j. Paduak.
 - k. Construction Reclaimed Heart Pine.
 - l. Sapele.
 - m. Teak.
 - n. Wenge.
 - o. Zebra Wood.
 - 4. Species: As indicated on Drawings.
 - 5. Surface Finish:
 - a. Permanent high-gloss finish.
 - b. Permanent satin-gloss finish.
 - c. Permanent Matt finish.
 - d. Mineral Oil

2.3 ACCESSORIES

- A. Sink/Lavatory Mounting Hardware: Stainless steel bowl clips, panel inserts and fasteners and epoxy for attachment of undermount sinks and lavatories.

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 including but not limited to the following:
 - 1. Cantilevers: Cantilevers greater than 12 inches (228 to 305 mm) may require either corbels or front to back rod support every 24 inches (610 mm).
- B. Clean surfaces in accordance with manufacturer's care and maintenance instructions including the following:
 - 1. Cleaner: Clean spills promptly. J. Aaron recommends a 1:3 ratio mix of white vinegar and water.
 - 2. Polishing: Use pledge or food grade butchers wax for occasional polishing.

3.4 PROTECTION

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

END OF SECTION