

SUGGESTED SPECIFICATIONS

SECTION 097200

BroDesign Wood Mosaics

Part 1 – General

1.01 Summary

- A. This section includes the following types of decorative wall systems:
 - 1. BroDesign wood mosaic paneling
- B. Related sections: The following sections contain requirements related to this section.
 - 1. 097000 Wall Finishes

1.02 References

- A. National codes (IBC, UBC, SBCCI, BOCA and Life Safety)
- B. American Society for Testing and Materials (ASTM)
- C. California 01350 specification

1.03 Submittals

- General: Submit the following in accordance with conditions of contract and Division 1 specification section 01 33 00 "Submittal Procedures":
- A. Product data and detailed specifications for each system component and installation accessory required, including installation methods for each type of substrate.
 - B. Samples for verification purposes: Submit the following samples, as proposed for this work, for verification of color, texture, pattern and thickness:
 - C. Sample of each product specified.
 - D. Maintenance data for wood mosaic components for inclusion in the operating and maintenance manuals specified in Division 1.

1.04 Quality Assurance

- A. Installer qualifications: Engage an installer who has no less than 3 years' experience in installation of systems similar in complexity to those required for this project.
- B. Manufacturer's qualifications: Not less than 5 years' experience in the production of specified products and a record of successful in-service performance.

- C. Code compliance: Assemblies should conform to all applicable codes including IBC, UBC, SBCCI, BOCA, Life Safety and CA 01350.
- D. Single source responsibility: Provide all components of the wood mosaics manufactured by the same company to ensure compatibility of color, texture and physical properties.

1.05 Delivery, Storage and Handling

- A. Deliver materials to the project site in unopened original factory packaging clearly labeled to show manufacturer.
- B. Store materials in undamaged packaging in a clean, dry place out of direct sunlight and exposure to the elements. A minimum room temperature of 40°F (4°C) and a maximum of 100°F (38°C) should be maintained.
- C. Materials must be stored flat.

1.06 Project Conditions

- A. Materials must be acclimated in an environment of 65-75°F (18-24°C) for at least 24 hours prior to beginning the installation.
- B. Installation areas must be enclosed and weatherproofed before installation commences.

Part 2 - Products

2.01 Manufacturers

- A. Interior wood mosaic wall finish specified herein shall be manufactured by BroDesign and supplied by Vibe *Architectural Systems* at 470-632-0881.

2.02 Materials

- A. Wood mosaic constructed of oak in natural or smoked finish (other wood varieties available upon request).

2.03 Wood Mosaic Tile

- A. Wood mosaic style to be (insert wood mosaic model) in (insert finish). The wood direction to be mixed. Backing to black fleece. Interweaving tile size to be approximately 12 inches x 12 inches (305mm x 305mm). Thickness to be approximately .24 inches (6mm). Tile weight to be approximately .77 lbs. (350 grams).

Part 3 - Execution

3.01 Examination

- A. Verification of conditions: Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion.

1. Do not proceed until unsatisfactory conditions have been corrected.

3.02 Preparation

- A. Surface preparation: Prior to installation, clean substrate to remove dirt, debris and loose particles. Substrate must be dry with no threat of moisture seepage. Perform additional preparation procedures as required by manufacturer's instructions.
- B. Protection: Take all necessary steps to prevent damage to material during installation as required in manufacturer's installation instructions.

3.03 Installation

- A. Install the work of this section in strict accordance with the manufacturer's recommendations using commercial grade construction adhesive.
- B. Temperature at the time of installation must be between 65-75°F (18-24°C) and be maintained for at least 48 hours after the installation to allow for proper adhesive set-up.
- C. Relative humidity shall not exceed 80%.

3.04 Cleaning

- A. General: Immediately upon completion of installation, clean material in accordance with manufacturer's recommended cleaning method.
- B. Remove surplus materials, rubbish and debris resulting from installation as work progresses and upon completion of work.

3.05 Protection

- A. Protect installed materials to prevent damage by other trades. Use materials that may be easily removed without leaving residue or permanent stains.