

# **CSI Spec. for Textura™ Thermosaics Wood Wall Tiles (06 4200)**

## **Textura Thermosaics Wood Wall Tiles**

### **Part 1 – General**

#### **1.03 QUALITY ASSURANCE**

##### A. Qualifications:

1. Installer Qualifications:
  - a. Minimum 2 years of work with the installation of products in this section.

#### **1.04 DELIVERY, STORAGE, AND HANDLING**

A. Deliver wall paneling to project site, or fabrication site, not less than 2 days prior to start of installation (to allow for suitable acclimation).

B. Environmental Requirements: Maintain and following conditions in building for minimum 7 days prior to, during and after installation of panels.

1. Temperature: 60 to 72 degrees F (16 to 22 degrees C)
2. Humidity: 25 to 55 percent

#### **1.06 WARRANTY**

##### A. Special Warranty:

1. Sustainable Material's Structural Warranty: 5 years against delamination or separation as a result of a manufacturing defect when installed and maintained in accordance with manufacturer's installation instructions.

### **PART 2 – PRODUCTS**

#### **2.01 MANUFACTURER/SUPPLIER**

- A. Sustainable Materials LLC  
5403 Western Ave #C  
Boulder, CO 80301
- Tel: (720) 449-3063  
e-mail: [info@sustainablematerials.com](mailto:info@sustainablematerials.com)  
Website: <http://www.sustainablematerials.com>

B. Substitutions: None Permitted

#### **2.02 MATERIALS**

- A. Textura Thermosaics
1. Available Options
    - a. Textura Thermosaics **Hudson**
    - b. Textura Thermosaics **Kinetic**
    - c. Textura Thermosaics **Plato**
    - d. Textura Thermosaics **Hudson 'Flush'** (\* custom order)
    - e. Textura Thermosaics **Kinetic 'Flush'** (\* custom order)
    - f. Textura Thermosaics **Plato 'Flush'** (\* custom order)

2. Size:
  - a. Hudson: 315mm\*273mm\*10-15mm (approx. 12-1/2" x 10-3/4" x 3/8-5/8")
  - b. Kinetic: 319mm\*300mm\*10-15mm (approx. 12-1/2" x 11-3/4" x 3/8-5/8")
  - c. Plato: 281mm\*327mm\*10-15mm (approx. 11" x 12-7/8" x 3/8-5/8")
  - d. Hudson 'Flush' (\* custom order): 315mm\*273mm\*10mm (approx. 12-1/2" x 10-3/4" x 3/8")
  - e. Kinetic 'Flush' (\* custom order): 319mm\*300mm\*10mm (approx. 12-1/2" x 11-3/4" x 3/8")
  - f. Plato 'Flush' (\* custom order): 281mm\*327mm\*10-15mm (approx. 11" x 12-7/8" x 3/8-5/8")
3. Construction: solid, thermally modified Fir, affixed to a polyester mesh backer
4. Moisture content: ≤ 6 %
5. Finish:
  - a. Prefinished: UV-cured sealant
  - b. Unfinished: No finish applied (assumed that a site-applied stain or finish will be applied)
6. Flammability: Class "C" (can achieve Class "A" with the application of a specific site-applied flame retardant – *inquire for specific data*)

## **PART 3 - EXECUTION**

### **3.01 EXAMINATION**

- A. Examine components and/or surface to which Textura Thermosaics will be mounted on, or fabricated with, ensuring components are clean, dry, flat, and free of contaminants that could potentially interfere with adhesive bond.
- B. Verify that HVAC system is operating and maintaining occupancy level temperature and humidity conditions.
- C. If either of the above needs attendance, coordinate with responsible entity to correct unsatisfactory conditions prior to the beginning of the installation.

### **3.02 PREPARATION**

- A. Acclimatization: Ensure that all Textura products are acclimated for a minimum of 2 days (unboxed and within the space to which the material will be installed).

### **3.03 INSTALLATION**

- A. Install in accordance with manufacturer's installation instructions.
  1. Set mosaic tiles plumb and level in the center of the space to which it will be installed
    - a. Ensure all penetrations and obstructions are accounted for in the layout
  2. Install tiles using construction adhesive (applied via 'trowel' method)
    - a. Ensure 1/8" gap around the perimeter and penetrations to allow for expansion/contraction.
  3. See Sustainable Materials' complete Installation Instructions for detailed installation procedures (titled: Textura Thermosaics – Installation Instructions – Sustainable Materials – 2020", which can be accessed through: [www.SustainableMaterials.com](http://www.SustainableMaterials.com))

### **3.04 CLEANING and MAINTENANCE**

A. Clean and maintain in accordance with "finish" Manufacturer's recommendations (recoat as often as needed)

With any questions, or for this in a digital format, contact:

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Boulder, CO 80301

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