

CSI Spec. for Textura Fusion™ Wall (06 4200)

Textura Fusion™ Wood Panels

PART 1 – GENERAL INFO

1.03 QUALITY ASSURANCE

A. Qualifications:

1. Manufacturer Qualifications:

- a. Use of low-VOC and E1 Compliant adhesives and finishes in manufacturing of all products.
- b. Manufacturer must have legal right to the patented process and glues used in the production of specified Textura Fusion™ products.

2. Installer Qualifications:

- a. Minimum three years experience in wall covering installations

1.04 DELIVERY, STORAGE, AND HANDLING

A. Deliver Textura Fusion planks to project site in original boxes not less than 10 days prior to start of installation.

1.05 PROJECT/SITE CONDITIONS

A. Environmental Requirements: Installation spaces and wood planks must be maintained at normal occupancy temperature and humidity levels for minimum 48 hours prior to installation. Textura Fusion functions best when the room temperature ranges from 60-70 Fahrenheit, and the room's relative humidity stays between 40-60%. **Important Note:** Room temperatures must remain between 50-80 Fahrenheit, and room relative humidity must remain between 35-65% both prior to installation and year-round, or warranty will be voided. A humidifier or dehumidifier may be needed to remedy these conditions, which not only will ensure a healthy Textura Fusion wall, but also help ensure healthy indoor air quality. **Note:** In extremely dry climates, care should be taken to avoid shrinkage by allowing wood planks to acclimate under actual use conditions. Remove the planks from the box and expose them to local conditions for several days, as required under installation guidelines.

1.06 WARRANTY

A. Special Warranty:

1. Textura Fusion™ Structural Warranty: Lifetime warranty 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/DISTRIBUTOR

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

B. Textura Fusion™ Planks:

1. Color

- a. Textura Fusion™ Chestnut Oak
- b. Textura Fusion™ Country Ash
- c. Textura Fusion™ Field Ash
- d. Textura Fusion™ Light Weathered
- e. Textura Fusion™ Medium Weathered
- f. Textura Fusion™ Oak Latte
- g. Textura Fusion™ Oak Natural
- h. Textura Fusion™ Smoked Walnut
- i. Textura Fusion™ Tobacco Oak
- j. Textura Fusion™ Walnut Natural

* Slight color variations are expected and are considered normal within the manufacturing operations. Please inquire as to the availability of further differentiated color shades.

C. Substitutions: None Permitted.

2.02 MATERIALS

A. Textura Fusion™ Wall Planks:

1. Species: Ash, Oak or Walnut

2. Sizes:

- a. **WIDE:** 11.3mm x 183mm x 2000mm (approx. 11/25" thick x 8-1/16" wide x 86-1/2" long).
- b. **MASSIVE:** 11.3mm x 271mm x 2378mm (approx. 11/25" thick x 10-9/16" wide x 93-9/16" long).

* Other widths, thickness, and lengths are available upon special order.

3. Edge: Valinge 5G Click Lock

4. Back: Birch Plywood

5. Finish: UV Cured Acrylic

6. Physical Property Performance Requirements:

- a. *Brinell Hardness (EN 1534):* 10 HB (avg.)
- b. *Flammability (ASTM E648):* Class I – 0.82 W / cm²
- c. *Tensile Strength (ASTM D 3500):*
Minimum 14,570 psi (103.1 MPa) parallel to grain.
- d. *Slip Resistance (ANSI A137.1 / A326.3):* COF when wet: 0.73
- e. *Taber Abrasion Resistance (ASTM D4060):*
5% Class 34 (<8%) - (CS-10 abrasive wheels)
- f. *Formaldehyde Emissions (EN 717-1):* E1 Compliant
- g. *Impact Isolation Class (ASTM E492/ E989):* IIC OF 55
- h. *Sound Transmission Coefficient (ASTM E336/E4134):*
55 STC on 8" slab only
- i. *Carb Phase 2 Compliant (ASTM D6007-14):* YES
- j. *Thermal Conductivity (ASTM C518):* 1.2472 Vlu in./ h ft² F
- k. *Thermal Resistance (EN 12664/12667):* R0.07 (m²xK)/W

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine substrates upon which Textura Fusion™ planks will be installed.
1. Verify that substrate is clean, dry, and free of contaminants.
 2. Follow Sustainable Materials installation instructions for Textura Fusion.
- B. Verify that HVAC system is operating and maintaining occupancy level temperature and humidity conditions.
- C. If either of the above requires attendance, coordinate with the responsible entity to correct unsatisfactory conditions.

3.02 PREPARATION

- A. Acclimatization: Acclimate unopened boxes in a dry, well-ventilated area on the jobsite for a minimum of 48 hours.
- B. Maintain a room temperature of at least 64°F (18°C) and relative air humidity (RH) range between 35-65% during storage and installation.

3.03 INSTALLATION

- A. Textura Fusion™ Planks:
1. Install in accordance with manufacturer's installation instructions via Clip Method to Textura Fusion Planks as furring strips.

3.04 CLEANING

- A. Clean in accordance with the Manufacturer's recommendations as listed on the Installation Instructions entitled: "Textura Fusion™ - Installation Instructions – SM2023"

3.05 PROTECTION

- A. Cover the Textura Fusion with suitable protection if other trades will be working in the area. Do not use non-breathable sheet or film that could cause condensation to form. Maintain covering throughout remainder of construction period.

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

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