

## SECTION 06 16 93

### SHEATHING PAPER

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION

- A. This Section describes the requirements for furnishing and installing sheathing paper.
- B. Related Sections:
  - 1. Gypsum sheathing is specified in Section 06 16 43.
  - 2. Metal lath and accessories are specified in Section 09 22 36.23.

##### 1.02 SUBMITTALS

- A. Product Data: Manufacturer's product data and installation instructions.
- B. Warranty.

##### 1.03 QUALITY ASSURANCE

- A. Comply with California Building Code (CBC) Section 1404.2.

##### 1.04 JOB CONDITIONS

- A. Surfaces to receive sheathing paper shall be free from projecting nails, wires, or other conditions that might damage paper.
- B. Surfaces to be covered shall be dry, and shall have dried in fair weather not less than 3-days following wetting by rain.

##### 1.05 WARRANTY

- A. Warrant sheathing paper to be free from defects in materials and workmanship for a period of 10-years from Date of Substantial Completion. This warranty shall be in addition to and not a limitation of other rights the County may have against the Developer Design/Builder under the Contract Documents.

#### PART 2 - PRODUCTS

##### 2.01 MATERIALS

- A. Sheathing Paper:
  - 1. Approved Manufacturer: Fortifiber Corporation " Super Jumbo Tex" or approved equal.
  - 2. Material: Grade D Kraft paper having a 60-minute water permeance rating, complying with UBC Standard 14-1.
  - 3. Water Vapor Transmission: 75 grams; 11-perms (MVT), ASTM E96.
  - 4. Water Resistance: >60 minutes, ASTM D779.
  - 5. Tensile Strength: 70-lb./inch, ASTM D828.
- B. Fastenings:
  - 1. Nails, staples, or tie wire, suitable for framing or backing.
  - 2. Pressure-sensitive tape and/or adhesive may be utilized where appropriate and effective.

## PART 3 - EXECUTION

### 3.01 INSTALLATION, GENERAL

- A. Installation Type: Double-layer installation over gypsum sheathing.
- B. Openings and Penetrations: Flash with self-adhering sheet flashing specified in Section 07 65 26.
- C. Utilize sheathing paper in longest lengths practical to minimize joints.
- D. Horizontal Joints: Lap paper not less than 4-inches.
- E. Wall Corners: Wrap paper to overlap not less than 12-inches each side of corner.
- F. Intermediate Vertical Joints:
  - 1. Lap paper not less than 6-inches.
  - 2. In adjacent sheets, offset joints not less than 48-inches.
  - 3. In alternate sheets, offset joints not less than 24-inches.
  - 4. Do not locate any two joints at same vertical alignment.
- G. Lap paper over head flashings and base screeds and under sill flashings. Treat penetrations and other details as necessary for adequate weather protection.
- H. Secure paper to maintain in place until covered by other materials.
- I. When complete, sheathing paper shall be reasonably flat, without excessive warps and bulges, and free from holes, cuts, tears, and other damage and defects.

### 3.02 DOUBLE-LAYER INSTALLATION

- A. Install a one-half-width sheet, and overlay with a first full-width sheet, with bottom edge of both sheets placed at lowest level on wall to be sheathed.
- B. Install a second full-width sheet with bottom edge placed 2-inches below line of top edge of first one-half-width sheet.
- C. Install a third full-width sheet with bottom edge placed 2-inches below line of top edge of first full-width sheet.
- D. Similarly, proceed upward to top of wall as required, finishing with a partial-width sheet as needed.

END OF SECTION