



Shakertown  
 PO Box 400  
 1200 Kerron Street  
 Winlock, WA 98596  
 Phone: (800) 426-8970  
 Phone: (360) 785-3501  
 Fax: (360) 785-3076  
 E-mail: [info@shakertown.com](mailto:info@shakertown.com)  
[www.shakertown.com](http://www.shakertown.com)

This MANU-SPEC™ utilizes the Construction Specifications Institute (CSI) *Manual of Practice*, including *MasterFormat*™, *SectionFormat*™ and *PageFormat*™. A MANU-SPEC is a manufacturer-specific proprietary product specification using the proprietary method of specifying applicable to project specifications and master guide specifications. Optional text is indicated by brackets [ ]; delete optional text in final copy of specification. Specifier Notes typically precede specification text; delete notes in final copy of specification. Trade/brand names with appropriate symbols typically are used in Specifier Notes; symbols are not used in specification text. Metric conversion, where used, is soft metric conversion.

This MANU-SPEC specifies Cedar Shingle Panels. These products are manufactured by Shakertown. Revise MANU-SPEC section number and title below to suit project requirements, specification practices and section content. Refer to CSI *MasterFormat* for other section numbers and titles.

**SECTION 07460**  
**SIDING**  
**(CEDAR SHINGLE PANELS)**

**PART 1 GENERAL**

1.01 SUMMARY

- A. Section Includes: Cedar Shingle Panels.

Specifier Note: Revise paragraphs above and below to suit project requirements. Add section numbers and titles per CSI *MasterFormat* and specifier's practice.

- B. Related Sections:
  1. Division 6 Section: Rough Carpentry for sheathing and air-infiltration barrier.
  2. Division 6 Section: Finish Carpentry for exterior wood trim.
  3. Division 7 Section: Sheet Metal Flashing and Trim for flashing, gutters and other sheet metal work.
  4. Division 7 Section: Joint Sealants for field-applied sealants.

Specifier Note: Article below may be omitted when specifying manufacturer's proprietary products and recommended installation. Retain Reference Article when specifying products and installation by an industry reference standard. If retained, list standard(s) referenced in this section. Indicate issuing authority name, acronym, standard designation and title. Establish policy for indicating edition date of standard referenced. Conditions of the Contract or Division 1 References Section may establish the edition date of standards. This article does not require compliance with standard, but is merely a listing of references used. Article below should list only those industry standards referenced in this section.

1.02 REFERENCES

- A. ASTM International:
  1. ASTM D226 Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
  2. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. Timber Products Inspection, Inc.:
  1. PS1-95.



- C. Department of Housing and Urban Development (HUD):
  - 1. Materials Release 978a.

Specifier Note: Article below should be restricted to statements describing design or performance requirements and functional (not dimensional) tolerances of a complete system. Omit descriptions to composite and operational properties to extent necessary to link multiple components of a system, and to interface with other systems.

1.03 SYSTEM DESCRIPTION

Specifier Note: The Shakertown cedar shingle panel product is accepted under the Uniform Building Code as a one-hour fire resistance rated wall assembly. Contact manufacturer for more information. Retain, edit or delete article below to suit project requirements and specifier practice. Coordinate language with requirements of other specification sections and working drawings to ensure assembly is accurately specified and properly constructed.

- A. Design Requirements: Provide cedar shingle panels as part of a wall system which has been designed in compliance with the following:
  - 1. Uniform Building Code - Table 7B, Item 18-1.1.
- B. Performance Requirements: Provide cedar shingle panels as part of a wall system that has been properly constructed to provide a one-hour fire resistance rating.

Specifier Note: Article below includes submittal of relevant data to be furnished by Contractor before, during or after construction. Coordinate this article with Architect's and Contractor's duties and responsibilities in Conditions of the Contract and Division 1 Submittal Procedures Section.

1.04 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit manufacturer's product data and installation instructions.
- C. Samples: Full-size units of each type of siding and trim indicated for each color, texture and pattern specified.
- D. Closeout Submittals: Submit the following:
  - 1. Warranty documents specified herein.

Specifier Note: Article below should include prerequisites, standards, limitations and criteria that establish an overall level of quality for products and workmanship for this section. Coordinate article below with Division 1 Quality Assurance Section.

1.05 QUALITY ASSURANCE

Specifier Note: Paragraph below should list obligations for compliance with specific code requirements particular to this section. General statements to comply with a particular code are typically addressed in Conditions of the Contract and Division 1 Regulatory Requirements Section. Repetitive statements should be avoided.

- A. Qualifications: Engage an experienced installer who has completed siding installations similar in material, design and extent to that indicated.

Specifier Note: Select applicable code requirements below.

- B. Regulatory Requirements and Approvals: [Specify applicable requirements of regulatory agencies.].
  - 1. Building Officials and Code Administrators International, Inc. (BOCA):
    - a. Report No. 88-14.
  - 2. International Conference of Building Officials (ICBO):
    - a. Report No. ICBO-ES ER1962.
  - 3. Southern Building Code Congress International, Inc. (SBCCI):

a. Report No. 9410A.

- C. Mock-Ups: Before installing siding, construct sample wall panels to verify selections made under sample submittals and to demonstrate aesthetic effects and qualities of materials and execution.

Specifier Note: Article below should include special and unique requirements. Coordinate article below with Division 1 Product Requirements Section.

#### 1.06 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Division 1 Product Requirement Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

Specifier Note: Coordinate article below with Conditions of the Contract and with Division 1 Closeout Submittals (Warranty) Section. Coordinate warranty requirements of this section with warranty requirements of Cedar Shingles and Panels Section.

#### 1.07 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to, and not a limitation of, other rights Owner may have under contract documents.

Specifier Note: Coordinate paragraph below with manufacturer's warranty requirements.

1. Warranty Period: 10 years.

### PART 2 PRODUCTS

Specifier Note: Retain article below for proprietary method specification. Add product attributes, performance characteristics, material standards, and descriptions as applicable. Use of such phrases as "or equal" or "or approved equal" or similar phrases may cause ambiguity in specifications. Such phrases require verification (procedural, legal and regulatory) and assignment of responsibility for determining "or equal" products.

#### 2.01 CEDAR SHINGLE PANELS

Specifier Note: Paragraph below is an addition to CSI *SectionFormat* and a supplement to MANU-SPEC. Retain or delete paragraph below per project requirements and specifier's practice.

- A. Manufacturer: Shakertown.
1. Contact: PO Box 400, 1200 Kerron Street, Winlock, WA 98596; Telephone: (800) 426-8970, (360) 785-3501; Fax: (360) 785-3076; E-mail: [info@shakertown.com](mailto:info@shakertown.com); Web site: [www.shakertown.com](http://www.shakertown.com).

Specifier Note: Shakertown manufactures Cedar Shingle Panels. Select appropriate materials and styles from those provided below.

- B. Proprietary Products/Systems: Cedar Shingle Panels, including the following:
1. Shakertown Craftsman Panels:
- Material: Western Red Cedar 3/8 inch (9.5 mm) thick butt tapered shingle, full glue bonded to 5/16 inch (7.9 mm) CC exterior grade plywood.
  - Material Standard: Clear vertical grain Western Red Cedar heartwood.
  - Configuration: 7 inches (178 mm) exposure, [Even] [Staggered] butt line, [Keyway] [Contemporary] shingle joint.
  - Length: 8 foot (2438 mm) lengths.
  - Variations: Natural variations in color permissible.
  - Complying with HUD Materials Release 978a.

- g. Complying with PS1-95.
- h. Fire Retardant (ASTM E84) or Preservative Treatment (CCA .40): [Specify requirements].
- 2. Shakertown Colonial Shingle Panels:
  - a. Material: Western Red Cedar 1/4 inch (6.4 mm) thick face full glue bonded to 5/16 inch (7.9 mm) CC exterior grade plywood.
  - b. Material Standard: Clear vertical grain heartwood.
  - c. Configuration: [4.5 inches (114 mm), 7 inches (178 mm), 14 inches (356 mm)] exposure, [Even] [Staggered] butt line, [Keyway] [Contemporary] shingle joint.
  - d. Length: 8 foot (2438 mm) lengths.
  - e. Variations: Natural variations in color permissible.
  - f. Complying with HUD Materials Release 978a.
  - g. Complying with PS1-95.
  - h. Fire Retardant (ASTM E84) or Preservative Treatment (CCA .40): [Specify requirements].
- 3. Shakertown Fancy Cuts Panels:
  - a. Material: Western Red Cedar 1/4 inch (6.4 mm) thick face full glue bonded to 5/16 inch (7.9 mm) CC exterior grade plywood.
  - b. Material Standard: Clear vertical grain heartwood.
  - c. Configuration: 5 inches (127 mm) exposure, [Square] [Fishscale] [Round] [Octagon] [Half Cove] [Hexagon] [Arrow] [Diagonal] butt pattern.
  - d. Length: 8 foot (2438 mm) lengths.
  - e. Variations: Natural variations in color permissible.
  - f. Complying with HUD Materials Release 978a.
  - g. Complying with PS1-95.
  - h. Fire Retardant (ASTM E84) or Preservative Treatment (CCA .40): [Specify requirements].

Specifier Note: Edit Article below to suit project requirements. If substitutions are permitted, edit text below. Add text to refer to Division 1 Project Requirements (Product Substitutions Procedures) Section.

## 2.02 PRODUCT SUBSTITUTIONS

- A. Substitutions: No substitutions permitted.

## 2.03 ACCESSORIES

- A. Related Materials: Refer to other sections for related materials.
- B. Outside Corners: [Shakertown mitered] [Corner board: Specify species and dimensions].
- C. Inside Corners: 2 inches × 2 inches (51 × 51 mm) nominal [Specify species].
- D. Nails:

- 1. Shakertown Craftsman Blind Nailing:
  - a. Configuration Material: [Stainless steel] [Hot dipped galvanized steel].

Specifier Note: Fasteners should be of sufficient length to penetrate studs a minimum 1/2 inch (12.7 mm).

- b. Size: [7d siding nail] [1.75 inch (44 mm) roofing nail].

Specifier Note: Shakertown Color Matched Nails are provided with Colonial Shingle Panels.

- 2. Shakertown Color Matched Nails:
  - a. Configuration Material: Steel.

Specifier Note: Fasteners should be of sufficient length to penetrate studs a minimum 1/2 inch (12.7 mm).

- b. Size: 7d.
- c. Coating: Hot dipped galvanized.
- d. Color: Painted to match natural cedar.

Specifier Note: Contact manufacturer for fastener recommendations on special applications (i.e., steel studs, gypsum sheathing, etc.).

- E. Building Paper:
  - 1. Material: [Asphalt impregnated] [Spun fiber].
  - 2. Material Type (ASTM D226): [15# Type I] [30# Type II].

### **PART 3 EXECUTION**

Specifier Note: Article below is an addition to the CSI *SectionFormat* and a supplement to MANU-SPEC. Revise article below to suit project requirements and specifier's practice.

#### **3.01 MANUFACTURER'S INSTRUCTIONS**

- A. Comply with the instructions and recommendations of the Cedar Shingle Panel manufacturer.

#### **3.02 PREPARATION**

- A. Determine prior to framing layout which corner treatment is to be utilized. Panels require a nailable area 5 1/4 inches (133 mm) of outside corners and 3 1/2 inches (89 mm) of inside corners.
- B. After framing is completed, install building paper horizontally, shingle style, beginning at bottom of wall with 3 inches (76 mm) overlaps.
- C. Corner boards, trim and molding must be extended a minimum [3/4 inch (19.1 mm) from sheathing to allow for 3/4 inch (19.1 mm) depth of applied Shakertown Colonial shingle panels] [1 inch (25.4 mm) from sheathing to allow for 7/8 inch (22.2 mm) depth of applied Shakertown Craftsman shingle panels].

Specifier Note: Coordinate article below with manufacturer's recommended installation details and requirements.

#### **3.03 INSTALLATION**

- A. Install shingle panels by attaching to solid nailable sheathing, spaced nailable sheathing or to studs. (Note: Panels do not provide shear value.).
- B. Install working from the lowest level up to the top of the wall area.
- C. Furr out the bottom course of siding with 1/2 inch × 1 inch (12.7 × 25.4 mm) wood strips. Allow for canting of the first course of siding and determining level line.
- D. Drive nails flush with siding surface, penetrating studs at least 1/2 inch (12.7 mm).
- E. Maintain 1/16 inch (1.6 mm) spacing between ends of panels in order to allow for natural expansion.
- F. Maintain 1/8 inch (3.2 mm) spacing at corner boards and trim. Caulk with nonhardening compound.
- G. Maintain 1/4 inch (6.4 mm) space from panel butt line and flashing.

#### **3.04 PROTECTION**

- A. Protect Cedar Shingles and Panels from damage during construction.

**END OF SECTION**