



**SECTION 09 54 26
SUSPENDED WOOD CEILINGS**

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

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PART 1 GENERAL

1.1 SUBMITTALS

- A. Action Submittals:
 - 1. Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.
 - 2. Product Data: Manufacturer's descriptive data and product attributes for wood planks and suspension grid.
 - 3. Samples: Verification samples.
- B. Informational Submittals:
 - 1. Certificate of Compliance: Certification that installed products meet specified fire hazard requirements.
- C. Closeout Submittals:
 - 1. Extra materials: [] square feet of wood [planks.] [grids.]

1.2 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
 - 1. Attendance: [Design Professional,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder,] installer, and related trades.
 - 2. Review: Critical dimensions, delivery and storage, staging and sequencing, and protection of completed work.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Firm specializing in work of this Section with minimum [2] [] years' experience.
- B. Mockup: [] x [] feet. Approved mockup [may] [may not] remain as part of the Work.

1.4 SYSTEM DESCRIPTION

- A. Design ceiling system to support live and dead loads in accordance with Building Code.
- B. System design to be performed by Professional Structural Engineer licensed in State in which Project is located.

1.5 WARRANTY

- A. Manufacturer's [5] [] year warranty against defective materials.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Wood [Planks:] [Grids:] Roseburg Forest Products. www.roseburg.com
- B. Suspension System: Following manufacturers are acceptable if products meet specified requirements:
1. Armstrong World Industries. www.armstrong.com
 2. Rockfon. www.rockfon.com
 3. USG Interiors. www.usg.com
- C. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Wood Tiles:
1. Source: SkyPly [RediPly] [RediBead] Hardwood Veneer Panels.
 2. Face species: [Cherry.] [Walnut.] [White Maple.] [Natural Maple.] [Red Oak.] [White Oak.] [Alder.] [Calico Hickory.] [Natural Birch.] [White Birch.] [Red Birch.] [European Steamed Beech.] [Ribbon Sapele.] [Quartered Caramel Bamboo.] [Jatoba.] [Natural Bamboo.] [White Ash.] [Vertical grain Fir.] [Cypress.]
 3. Veneer cut: [Rotary.] [Rift.] [Plain sliced.] [Quarter sliced.]
 4. Veneer matching: [Slip match.] [Whole piece.] [Pleasing match.] [Book match.] [Random match.]
 5. Core:
 - a. Description: Moisture-resistant medium density fiberboard, manufactured using no added urea formaldehyde resin, minimum 47 PCF density.
 - b. Comply with ANSI A208.2, Grade 155, MR50.
 - c. Pass ASTM D1037.
 - d. Source: Medex.
 - e. Minimum thickness: 5/16 inch.
- **** OR ****
6. Core:
 - a. Description: Interior medium density fiberboards manufactured using 100 percent post-consumer recycled content and no added urea formaldehyde resin, minimum 48 PCF density
 - b. Comply with ANSI A208.2, Grade 130, MR10.
 - c. Source: Arreis.
- **** OR ****
7. Core:
 - a. Description: Fire-retardant medium density fiberboards, manufactured using no added urea formaldehyde resin, minimum 48 PCF density.
 - b. Comply with ANSI A208.2, Grade 130 and City of New York, Department of Building MES 244.
 - c. Pass ASTM E84
 - d. Source: Medite FR.
 - e. Minimum thickness: 5/16 inch.

**** OR ****

8. Core:
 - a. Description: Combination Fiber Core (CFC); manufactured using ULEF resin, MDF cross bands with softwood veneer inner plies.
 - b. Comply with ANSI/HPVA HP-1.
 - c. Comply with EPA TSCA Title VI, Ultra Low Emitting Formaldehyde (ULEF) exempt.
 - d. Source: SkyPly CFC.
 - e. Minimum thickness: 1/2 inch.
9. Backing: **Thermally fused laminate or wood veneer.**
10. Tile thickness: Nominally [1/4] [5/16] [3/8] [1/2] [] inch.
11. Tile size: Nominally [12 x 12] [16 x 16] [24 x 24] [24 x 48] [] x [] inches.
12. Tile edges: [Square.] [Reveal.] [].
13. Perforations: [] inch [round] [oval straight] holes in [straight] [diagonal] pattern, spaced [] inches on center.
14. Grooves: [] inch wide, spaced [] inches on center.
15. Fire hazard classification: Class [A,] [C,] tested to ASTM E84.

**** OR ****

B. Wood Grills:

1. Source: SkyPly RediPly Hardwood Veneer Panels.
2. Face species: Plain sliced [Cherry.] [Walnut.] [White Maple.] [Natural Maple.] [Red Oak.] [White Oak.] [Alder.] [Calico Hickory.] [Natural Birch.] [White Birch.] [Red Birch.] [European Steamed Beech.] [Ribbon Sapele.] [Quartered Caramel Bamboo.] [Jatoba.] [Natural Bamboo.]
3. Veneer cut: [Rotary.] [Rift.] [Plain sliced.] [Quarter sliced.]
4. Veneer matching: [Slip match.] [Whole piece.] [Pleasing match.] [Book match.] [Random match.]
5. Core:
 - a. Description: Moisture-resistant medium density fiberboard, manufactured using no added urea formaldehyde resin, minimum 47 PCF density.
 - b. Comply with ANSI A208.2, Grade 155, MR50.
 - c. Pass ASTM D1037.
 - d. Source: Medex.
 - e. Minimum thickness: 5/16 inch.

**** OR ****

6. Core:
 - a. Description: Interior medium density fiberboards manufactured using 100 percent post-consumer recycled content and no added urea formaldehyde resin, minimum 48 PCF density
 - b. Comply with ANSI A208.2, Grade 130, MR10.
 - c. Source: Arreis.

**** OR ****

7. Core:
 - a. Description: Fire-retardant medium density fiberboards, manufactured using no added urea formaldehyde resin, minimum 48 PCF density.
 - b. Comply with ANSI A208.2, Grade 130 and City of New York, Department of Building MES 244.
 - c. Pass ASTM E-84
 - d. Source: Medite FR.

- e. Minimum thickness: 5/16 inch.

**** OR ****

- 8. Core:
 - a. Description: Combination Fiber Core (CFC); manufactured using ULEF resin, MDF cross bands with softwood veneer inner plies.
 - b. Comply with ANSI/HPVA HP-1.
 - c. Comply with EPA TSCA Title VI, Ultra Low Emitting Formaldehyde (ULEF) exempt.
 - d. Source: SkyPly CFC.
 - e. Minimum thickness: 1/2 inch.
 - 9. Grille module: [] x [] inches.
 - 10. Blade thickness: Nominally [] inch[es].
 - 11. Blade height: [] inches.
 - 12. Blade edges: [Square.] []
 - 13. Fire hazard classification: Class [A,] [C,] tested to ASTM E84.
- C. Suspension System:
- 1. ASTM C635, Heavy Duty.
 - 2. Material: Galvanized steel.
 - 3. Runners: 15/16 inch exposed face width, flush profile.
 - 4. Finish: Factory applied enamel, satin black.

2.3 ACCESSORIES

- A. Support Channels: [Galvanized] [Prime painted] steel.
- B. Hanger Wire: ASTM A641, minimum 12 gage galvanized steel.
- C. Acoustical Insulation:
 - 1. ASTM C665, [glass fiber] [mineral wool] composition, unfaced, [2] [] inches thick.
 - 2. Noncombustible, tested to ASTM E136.
- D. Grille Clips: Concealed type, manufacturer's standard.
- E. Anchors: Type best suited to application.

2.4 FINISHES

- A. Exposed Wood: Unfinished, for field-applied finish.

**** OR ****

- B. Exposed Wood: Factory finished; manufacturer's standard ultraviolet-cured lacquer, clear.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Install suspension system in accordance with ASTM C636 and Cisca Handbook.
- C. Install molding around perimeter and at abutting surfaces.

- D. Place acoustical insulation above ceilings. Butt ends and edges. Fit tight to perimeter and penetrations through ceilings.
- E. Installation Tolerances: Ceilings level to $1/8$ [] inch in 12 feet.

END OF SECTION