

# Architectural Surfaces, Inc.

123 Columbia Court North • Suite 201 • Chaska, MN 55318  
952-448-5300 • Fax: 952-448-2613 • Toll Free: 1-800-448-3134

# WOODGRILLE™

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## WOODGRILLE™ – SPECIFICATIONS

### ARCHITECTURAL SURFACES, INC. 952-448-5300

#### Section 13020 Special Wood Rail Ceiling System

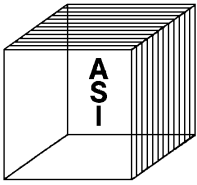
##### Part 1: General

##### 1.1 Scope:

- A)** The work in this section shall be subject to the requirements of the General Conditions.
- B)** Work Included: Furnish all labor, materials, equipment and services required in conjunction with the installation of the wood rail ceiling system specified herein and identified on the drawings and schedules including:
  - 1) Suspension system.
  - 2) Wood rail ceiling panels.
  - 3) All factory applied and/or field installed accessories, wood moldings or trim relating to the ceiling system.
  - 4) Integrated air diffusion (optional).
  - 5) Acoustical Insulation (optional).
  - 6) Factory prefinishing (optional).
- C)** Related work specified elsewhere:
  - 1) Painting or finishing (optional).
  - 2) Acoustical work.
  - 3) Mechanical connections to integrated air components (optional).
  - 4) Balancing of air distribution system (optional).
  - 5) Millwork.

##### 1.2 Quality Assurance:

- A)** Manufacturer: The manufacturer shall have completed at least five projects of the scope and quality required by this project.
  - 1) The manufacturer shall supply extra backing strips to be applied to the back of the panel ends, when field cut, to prevent warping or twisting in the rails and provide the highest quality in appearance.
- B)** Contract Execution: The bidding subcontractors shall be approved by the manufacturer's local distributor/representative of the specified materials and shall be thoroughly experienced in this type of work.



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## 1.3 Submittals:

- A) Contract Execution: The work of this section shall not be contracted for until all submissions required below have been completed and approved.
- B) Test Data: Submit tests establishing compliance with all performance characteristics of the specification.
- C) Shop Drawings: Submit shop drawings in detail of all work in scale to indicate size, location and attachment methods required for the installation of the required work.
- D) Samples: Submit samples or portions of full size units showing jointing where such exists and methods of internal fastening as well as all other detailing required.

## 1.4 Warranty:

- A) Submit at the time of submission of shop drawings, the manufacturer's warranty that the materials furnished hereunder will be free of manufacturing defects for a period of one year. The manufacturer's warranty may be conditioned with a statement that damage resulting from wet job conditions, faulty construction, plumbing or ventilating systems is not covered by the warranty. The manufacturer's warranty is limited to replacement of defective material only rather than installation of the same. Faulty installation shall be corrected by the installing contractor. The warranty required herein is the sole remedy against the manufacturer and there are no other implied warranties. In any event, the manufacturer shall not be liable for incidentals or consequential damages.

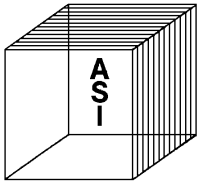
## 1.5 Substitute Products:

- A) Proposal shall be based only on the specified product.
- B) Alternative proposals for substitute products will not be accepted unless approved in writing via addenda.
- C) Request for approval to submit an alternate proposal must be made a minimum of twenty-one (21) calendar days prior to bid date. Request must include test data, samples and product certification per paragraph 1.3 Submittals. If approval is granted an addenda will be issued, so stating a minimum of seven (7) calendar days prior to bid date.

## Part 2: Products

### 2.1 Suspension System:

- A) Materials: The grid suspension system shall be flat black as manufactured by Chicago Metallic Corporation, Donn or approved equal.



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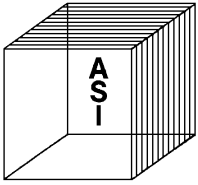
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## **2.1 Suspension System – Continued:**

- B)** All main runners and cross runners shall conform to the heavy duty classification of ASTM C635.
- C)** Main runners shall be installed 48" o.c. and be directly suspended by not less than 12 ga. galvanized steel wire wrapped tightly at least three full turns. Suspension wires shall be straight and vertically installed not more than 48" o.c.
- D)** Main runners shall be interconnected by cross tees 48" inches long to form 2'x4' module.
- E)** Wall channel moldings shall be standard cold rolled electrogalvanized steel.

## **2.2 Wood Grille Ceiling Panels:**

- A)** Panels rails shall be knot free and kiln dried to a maximum of 8% moisture content, and shall be \_\_\_\_\_ species of solid wood. Rail stabilizing back strips shall be (black) (natural of the same species of wood) (black flexible strip) spaced 12" o.c. secured with double leg electrogalvanized epoxy coated staples. Rail stabilizing back strips shall be secured at the very end of each panel to prevent the rail ends from twisting or warping. Panels to be jig assembled absolutely straight and square with equal rail spacing.
- B)** Panel Sizes: Woodgrille I shall be 12" wide in modular lengths of 4', 6', 8' or 10'. Woodgrille II panels are 2' x 2'.
- C)** Panel Clip: Panels shall be clipped to the grid suspension with special black zinc plated spring clips. Clips shall allow downward access of each and every panel.
- D)** (Optional) Acoustical Material: Where indicated on the drawings furnish black acoustical blanket as manufactured by \_\_\_\_\_, \_\_\_\_\_" thick of \_\_\_\_\_ pound density with a NCR rating of \_\_\_\_\_.
- E)** (Optional) Factory Finishes: Prefinished panels shall be custom stained with a color as selected by Architect. Surface finish shall be a flat lacquer. (Number of coats and application procedures to comply with A.W.I. Finish System No. \_\_\_\_\_.) Finish to be reviewed and accepted by the Architect/Designer prior to its application to the wood.
- F)** (Optional) Finish to be Architectural Surfaces, Inc., and shall be Fire Retardant Finish No. \_\_\_\_\_, Class "A" (1), flame spread index of 0-25. (Stained as described above.)
- G)** Manufacture and Design: The special hardwood panels shall be Woodgrille™ Style No. \_\_\_\_\_ as manufactured by Architectural Surfaces, Inc., (952) 448-5300.



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## Part 3: Execution

### 3.1 Job Conditions:

Upon receiving and prior to the installation of interior finish materials, the installing contractor shall completely read all of the manufacturer's instructions for storage, job conditions and the installation recommendation, and see that they are strictly complied with. Work shall not begin until the space is fully enclosed and glazed. All wet work is to be completed and dried out to the satisfaction of the architect. Temperature shall be at least 65 degrees Fahrenheit during the installation and thereafter. The installation contractor shall be responsible for the examination of all of the conditions and recommendations as set forth and shall not proceed until satisfactory conditions have been met.

### 3.2 Installation:

Panels shall be installed in a pattern as indicated on the drawing with two clips per panel width and no more than 48" o.c. If cutting panels across the width, install backing strip as provided by the manufacturer at the cut ends to prevent warping or twisting of the rails. Installation shall be in strict accordance with the manufacturer's recommendations, specifications and the contract drawings. Installation shall be performed by trained crews under the direction of a trained foreman. Finished appearance in all cases shall be in exact conformance with the contract documents.