

SECTION 09513

FLAT VENEER PANEL WALL SYSTEM

PART 1 - GENERAL

1.01 The Flat Veneer Panel Wall System covered by this specification shall be the products of the Rulon Company, World Commerce Center, 2000 Ring Way Road, St. Augustine, FL 32092. Phone: 800-227-8566, Fax: 904-584-1499. Or approved equal.

- A. The General Conditions and the requirements of Division 1 of the Specifications shall apply to all work hereunder.
- B. All work shall be performed in accordance with the manufacturer's instructions, and in a manner satisfactory to the owner's representative.

1.02 SCOPE

- A. Furnish & Install Flat Veneer Panels and specified matching trims. The suspension system shall be in accordance with drawings, and supplied by others.

1.03 RELATED WORK NOT INCLUDED UNDER THIS SECTION

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Installer shall be a firm with not less than two (2) years of successful experience in installation of suspended wood ceilings of similar requirements to this project. The installer shall be acceptable to the architect, manufacturer, and owner's representative.
- B. Fire Performance Characteristics: Flat Veneer Panels shall conform to Class 1, or A flame spread rating, when tested according to ASTM E-84.
- C. Environmental Standards:
 - 1. 1. Wood fiber core board material used for veneer panels must be documented to contain no added urea formaldehyde.
 - 2. 2. 100% pre-consumer recycled wood fiber core board material used for veneer panels.

1.05 PROJECT CONDITIONS

- A. Installation shall be done only when the temperature and humidity closely approximate the interior conditions that will exist when the building is occupied. The heating and cooling systems shall be operating before, during, and after installation, with the humidity of the interior spaces maintained between 25% and 55%.
- B. It is important that plenums have proper ventilation, especially in high moisture areas. There shall be no excessive build up of heat in the ceiling areas.
- C. Prior to the start of installation, all exterior windows and doors are to be in place, glazed, and weather-stripped. The roof is to be watertight, and all wet trades' work is to be completed, and thoroughly dry.
- D. Mechanical, electrical, and other utility service installations above the ceiling plane shall have been completed. No materials should rest against, or wrap around, the ceiling suspension components or connecting hangers.

1.06 COORDINATION OF WORK

- A. The layout and installation of the Flat Veneer Panel Suspended Wall System shall be coordinated with other work penetrating the wall panels. This includes light fixtures, HVAC equipment, and fire suppression system components.

1.07 SUBMITTALS

- A. Product Data: Manufacture shall provide product specifications for all wall materials supplied.
- B. Shop Drawings: Manufacture shall supply shop drawings showing Flat Veneer Panel locations, and placement of hangers and other details deemed pertinent to proper installation.

- C. Samples: A wood sample with designated finishes shall be submitted for approval.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. The Flat Veneer Panels shall be delivered to the project site in original, unopened packages.
- B. The Flat Veneer Panels shall be stored flat and level in a fully enclosed space. For a minimum of seventy-two (72) hours immediately prior to installation, the Flat Veneer Panels shall be stored in the room in which they will be installed. The temperature and humidity of the room shall closely approximate those conditions that will exist when the building is occupied. The Flat Veneer Panels shall be stored off the floor.
- C. Care in handling must be exercised to avoid damage.

1.09 WARRANTIES

- A. Manufacturer: All materials supplied by the veneer wall panel manufacturer shall be guaranteed against manufacturing defects for one (1) year. Because of differing site conditions, wood stains and colorings can vary with age and shall be excluded from this warranty.
- B. Contractor: All work shall be guaranteed for one (1) year from final acceptance of completed work

PART 2 - PRODUCTS

2.01 flat veneer panels

- A. Substitutions: See Section 01600 - Product Requirements
- B. Basis of Design - The Flat Veneer Panels shall be manufactured by Rulon Company, St. Augustine, Florida, PH-1-800-227-8566, (Michael Turner 321-946-1349). Panels shall be factory-fabricated to sizes established by approved Rulon shop drawings and confirmed by field dimensions. The Rulon Flat Veneer Panels will be made with a [Cherry] face veneer, [Plain Sawn] [Book Match], applied to a 3/4" thick core material. Wood is a natural product that will undergo changes with variations in the environment. Therefore, all dimension tolerances shall be $\pm 1/8"$.

2.02 SUSPENSION SYSTEM

- A. Wall panels shall be attached to the structure using Rulon-recommend attachments. The panels shall be prevented from moving laterally by blocking or other such methods.

2.03 EDGES, BORDERS, and PERIMETER TRIMS

- A. Edges, borders, and perimeter trims, shall be designated by specifier in accordance with standard design details available or as shown in Contract Documents. All wood products specified shall be supplied by the ceiling manufacturer.

2.04 FINISHES and COLORS

- A. The Flat Veneer Panel face and edge surfaces shall be factory finished with a custom stain as selected by the Architect. A clear finish is applied to the back side of panels. Wood is a natural product with variations in grain, texture and color - often ranging from light to dark - thereby affecting the surface look. Product finishes shall be stain or sealer coats - spray applied to a smooth sanded surface.

PART 3 - EXECUTION

3.01 PREPARATION

3.02 INSTALLATION

- A. General: The contractor shall install materials in accordance with manufacture's printed instructions and architect's drawings. The installation shall comply with applicable regulations and industry standards.

3.03 ADJUSTMENT CLEANING and REPAIR

- A. The contractor shall make final adjustment to level or contours.
- B. Upon completion of installation, all Flat Veneer Panels shall be cleaned free of dirt, dust, grease, oils, and fingerprints.
- C. All work which cannot be successfully cleaned and repaired shall be removed and replaced.

3.04 INSPECTION

- A. Upon the completion of installation, the owner's representative shall inspect all finished surfaces to ensure that work was performed in a manner satisfactory to the owner. Any deficiencies in the installed ceiling shall be corrected by the contractor at no additional cost to the owner or to panel manufacturer.

END OF SECTION