

## SECTION 09515

### CURVED WOOD VENEER WALL SYSTEM

#### PART 1 - GENERAL

**1.01 The Rulon Custom Wall Systems 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.**

- 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. Rulon Company shall furnish all Rulon Curvalon assemblies necessary to complete installation by the contractor, in accordance with plans and specifications. All attachment components shall be supplied by the contractor, as specified.

#### 1.03 RELATED WORK NOT INCLUDED UNDER THIS SECTION

- A. Attachment components for walls, other than the manufacturer's Wall Systems, are not included.

#### 1.04 QUALITY ASSURANCE

- A. Installer Qualifications: The installer shall be a firm with a minimum of two (2) years of successful experience in installation of products with similar requirements to this project. The installer shall be acceptable to the architect, manufacturer and owner's representative.
- B. Fire Performance Characteristics: Curved veneer wall panel assemblies shall conform to Class 1, or A flame spread rating, when tested according to ASTM E-84.
- C. Environmental Standards:
  - 1. Wood fiber core board material used for curved veneer panels must be documented to contain no added urea formaldehyde.
  - 2. 100% pre-consumer recycled wood fiber core board material used for curved 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 the space have proper ventilation, especially in high moisture areas. There shall be no excessive build up of heat in the space.
- 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 within or behind the wall shall have been completed. No materials should rest against, or wrap around, the wall attachment components.

#### 1.06 COORDINATION OF WORK

- A. The layout and installation of curved veneer wall panel support system shall be coordinated with other work penetrating the wall.

#### 1.07 SUBMITTALS

- A. Product Data: Manufacturer shall provide product specifications and installation instructions for all supplied materials.

- B. Shop Drawings: Manufacture shall supply shop drawings showing curved wall panel locations and other details deemed pertinent to proper installation.
- C. Samples: A 9"x12" inch sample, with finish applied, shall be submitted for approval.

#### **1.08 DELIVERY, STORAGE, and HANDLING**

- A. Curved panel assemblies shall be delivered to the project site in original, unopened packages.
- B. The curved wall panels shall be stored in a fully enclosed space. For a minimum of seventy-two (72) hours immediately prior to wall installation, the Rulon Curvalon 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 Rulon Curvalon 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 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 are excluded from this warranty.
- B. Contractor: All work shall be guaranteed for one (1) year from final acceptance of completed work.

### **PART 2 - PRODUCT**

#### **2.01 wall panels**

#### **2.02 BASIS OF DESIGN: RULON COMPANY CURVALON VENEER WALL PANELS**

- A. The Curvalon wall 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 shop drawings and confirmed by field dimensions. The Rulon Curvalon Wall Panels will be made with a [Cherry] face veneer, [plain sawn] [book match], applied to a 3/4" thick kerfed core material. When necessary, the perimeter of the panel will have a return edge with matching veneer. Wood is a natural product that will undergo changes with variations in the environment. Therefore, all dimension tolerances are  $\pm 1/8"$ .
- B. Substitutions: See Section 01600 - Product Requirements

#### **2.03 ATTACHMENT SYSTEMS**

- A. The curved panels shall be installed in accordance with applicable architect's drawings, and manufacturer's shop drawings and installation instructions.

#### **2.04 EDGES, BORDERS, and PERIMETER TRIMS**

- A. Edges, borders, and perimeter trims, shall be designated by specifier in accordance with standard design details available.
- B. FINISHES and COLORS
- C. The curved 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**

- A. Wall Layout: The contractor shall measure applicable areas, and establish layout of curved panels and support structure, in accordance with installation instructions.
- B. Coordination: The contractor shall furnish the layout for supports that shall be installed for support of the curved panels. He shall furnish hanger clips, or similar devices for

installation, in time to coordinate the work.

**3.02 INSTALLATION**

- A. General: The contractor shall install materials in accordance with manufacture's 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 adjustments to level and/or contours.
- B. Upon completion of installation, all curved panel surfaces and borders shall be cleaned free of dirt, dust, grease, oils, and fingerprints.
- C. All work which cannot be successfully cleaned or repaired shall be removed and replaced.

**3.04 INSPECTION**

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

**END OF SECTION**