



SECTION 06 42 00 –OPEN GRID WOOD WALL PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 RELATED REQUIREMENTS

[SPECIFIER NOTES: EDIT THIS SECTION AS NECESSARY. LIMIT THE LIST TO SECTIONS WITH SPECIFIC INFORMATION THAT THE READER MIGHT EXPECT TO FIND IN THIS SECTION, BUT IS SPECIFIED ELSEWHERE.]

- A. DIVISION 6 SECTION – INTERIOR FINISH CARPENTRY
- B. DIVISION 6 SECTION – INTERIOR ARCHITECTURAL WOODWORK
- C. DIVISION 8 SECTION – INTERIOR DOORS
- D. DIVISION 9 SECTION – CEILINGS
- E. DIVISION 10 SECTION – INTERIOR SPECIALTIES
- F. DIVISION 12 SECTION – CASEWORK

1.3 SUMMARY

- A. Section Includes:
 - 1. Open grid wood wall panels for use in interior applications.

1.4 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of panel. Include details of core and edge construction and trim for openings. Include factory-finishing specifications.

- B. Shop Drawings: Indicate location, and size of each panel; elevation of each kind of panel; construction details not covered in Product Data; and the following:
 - 1. Dimensions and locations of blocking.
 - 2. Dimensions and locations of mortises and holes for hardware.
 - 3. Dimensions and locations of cutouts.
 - 4. Undercuts.
 - 5. Requirements for veneer matching.
 - 6. Panels to be factory finished and finish requirements.
 - 7. Fire-protection ratings for fire-rated panels.

- C. Samples for Initial Selection and/or Verification:
 - 1. Factory finishes applied to actual materials, approximately 6 x 6 inches, for each material and finish.

1.6 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For special warranty.
- B. Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.

1.7 QUALITY ASSURANCE

- A. Urban Evolutions has specialized in manufacturing quality sustainable wood products in the USA since 1997. Urban Evolutions' wood products are guaranteed to be of good material and workmanship and free from defects that render them not fit for the use for which they are intended. Choose an experienced installer who has a solid record of successful in-service performance.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. The quality of Urban Evolutions' wood products are safeguarded while in our possession.
- B. Products will be delivered in customized crating or palletizing to ensure products arrive safely.
- C. The buyer is responsible for inspecting products at time of delivery and notifying the carrier immediately of any damage, including concealed damage, which should be noted on the bill of lading. We recommend taking photos of the damaged products. If shipment does not conform to the invoice, the buyer must notify Urban Evolutions within 72 hours of delivery. If neither of the foregoing steps is taken, the shipment will be deemed accepted by the buyer.
- D. Store products indoors in manufacturer's original packaging with identifying labels intact.
- E. Products should not be store or placed in damp warehouses, moist or freshly plastered buildings, or buildings where concrete, tile, or other "wet work" is occurring. Permanent type heat and air conditioning must be in operation for a sufficient length of time to "cure" the building before any Urban Evolutions wood products are delivered or installed at the job site. Temporary heat sources may create excessive dryness and cause problems with wood products.

- F. To prevent sun tanning, product must be stored under cover out of indirect or direct sunlight until final installation. Exposed panels may develop fade marks. Stacked panels must be completely covered from sun exposure or uneven fade marks may occur.

1.9 FIELD CONDITIONS

- A. You and your contractor/installer are responsible for acclimating and installing wood products in an appropriate environment. For most installations, we recommend a climatic temperature within 55 to 75 degrees Fahrenheit and 30% to 50% humidity level. Environments that do not meet these criteria would be considered non-compliant and will cause wood to experience shrinking and swelling issues that damage the product. We cannot guarantee our products' performance in such environments.
- B. Do not install wall panels until normal lighting conditions exist, meaning lighting that will be in place when the project is finished.
- C. Walls, ceilings, floorings, and openings must be level, plumb, straight, in-line, and square.
- D. Sub wall must be flat and dry and conform to ML/SFA 540 specifications. Vertical alignment of the wall shall be within 1/8" in 10' of the span. Horizontal alignment of the walls shall be within 1/8" in 10' of their respective heights. Squareness of the walls shall not be more than 1/8" out of square within the length of the wall. All corners, window, mullions, and door frames must be plumb and level.

1.10 WARRANTY

- A. For a period of one year from the date of installation, Urban Evolutions warranty commitment is to provide wood paneling that is free from manufacturing defects. Urban Evolutions products are designed and manufactured to rigorous quality specifications and that meet or exceed industry standards. Customer's sole remedy will be repair or replacement of the product, or a refund of the purchase price, selected in Urban Evolutions' reasonable discretion. This warranty is given to the initial purchaser and is valid for as long as the initial purchaser owns the product. Urban Evolutions reserves the right to determine labor method used during replacement of product. Warranty applies only to our wall panel products and does not cover any installation services. Please contact your salesperson for full UE Wood Veneer Panels Limited Warranty.

Wood is a natural material that varies in color, grain pattern, texture, and overall appearance. Wood characteristics can be expected to vary from piece to piece. Due to the nature of wood, small checks, surface impressions, and/or slight gaps due to shrinking and swelling of wood may appear over time, particularly when subjected to climate conditions such as exposure to sunlight or seasonal variations in moisture, humidity, and dryness. These small checks and surface imperfections, as well as shrinking and swelling of the wood surface, are not considered a defect. Finish fading or gloss reduction over time due to UV exposure is not finish wear and not a product defect.

In addition, reclaimed materials or products that originated from salvaged projects or fallen city trees (urban wood) contain a variety of unique features. Depending on the species of reclaimed or urban wood you order, wood characteristics may include, but are not limited to, checking, insect scarring, metal, gouges, wear marks, staining, and mineral streaks. The characteristics listed above and others that are inherent to the material source and not due to Urban Evolutions milling, manufacturing, and finish are not covered by this warranty.

*Please contact your salesperson if there are any characteristics you are concerned about.

** Please contact your salesperson for full UE Wood Slat Wall Panels Limited Warranty.

B. FINISH WARRANTY

Urban Evolutions warrants that, under normal conditions and with proper maintenance as prescribed for the applicable coating types, the finish on UE's products will not wear through to raw wood in any single area for one year from the date of installation.

*Please review full UE Wood Slat Wall Panels Limited Warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Urban Evolutions, Inc. 2401 W College Ave Appleton, WI 54914 Phone: 920-380-4149. Website: www.urbanevolutions.com

2.2 OPEN GRID WOOD WALL PANELS, GENERAL

- A. Description: Solid wood trim work and select plain sawn veneer backer on MDF as manufactured by Urban Evolutions, Inc. Custom grain veneer backers are available on request.
- B. Species Options: Select White Oak. Select Walnut
- C. Source Options: Domestic Timber, FSC® Certified Available on Request (FSC-C199866)
- D. Dimensions: 1 9/16" x 4' x 8' panels standard
 1. Custom panel widths up to 4'
 2. Custom panel heights up to 10'
 3. Slat Dimensions: 1" face x 11/16" visible depth

- E. Weight: 2.5-3lbs per SF
- F. Core: 11/16" MDF, NAF, TSCA Title VI Compliant
- G. Class A Fire Rated Core and FSC Certified Core available on request (FSC-C199866)
- H. Standard Finish Options: All finishes are Class A Fire Rated
 - 1. Matte Clear
 - 2. Premium Oil
- I. Grain and Allowances:
 - 1. Veneer Backer Layup: Book Matched (Plain Sawn); Slip Matched (Rift Sawn)
 - 2. Color: Natural color variation will occur across panels. White Oak and Walnut panels may include sapwood up to 10% of the panel
 - 3. Grain: Plain Sawn or Rift Sawn (Veneer Backer); Natural grain variation may occur across panels and slats.
 - 4. Knots: Small, sound pin knots may occur in solid wood slats.
- J. LEED Information: Urban Evolutions Companion Veneer Wall & Ceiling Panels may contribute toward satisfying the following credits under LEED® v4.1:
 - 1. M&R – Material Ingredient Reporting – Declare Label
 - 2. M&R – Sourcing of Raw Materials – Wood Products (FSC Certified - FSC-C199866)
 - 3. IEQ – Low-Emitting Materials – Formaldehyde Emissions Evaluation (MDF)

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Installers/contractors are responsible for checking actual dimensions of construction where panels will be fitted by accurate field measurements before approving final shop drawings for wall panels to be manufactured. Verify those recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delay of work.
- B. Where interior paneling is on an exterior wall or in a potentially damp/wet area, provide a barrier sheet of plastic film between the outside wall and the panel in order to prevent condensation affecting the stability of the panels.
- C. Field cutting of all wall systems should be accomplished using carbide tools.
- D. Blueprint matching should occur to ensure whole rooms and assembled cabinetry units are fitted with panels that have complementary color variation.
- E. Panels should be installed in the direction directed by the architect or designer.

Suggested Installation Materials:

- 1. Wall Installation
 - a. Monarch Z-Clips - Item #MF375
 - b. 2" Clip Size
 - c. 3/8" lift-off on top
 - d. 1/4" projection off the wall
 - 1) This will leave a small gap on top. Trim pieces are available.

2. Ceiling Installation
 - a. Monarch Ceiling Clips – Item #MFCEIL-H
 - b. 1.390” Installed Distance Between Ceiling & Panel

Suggested Installation Instructions:

3. Wall Installation
 - a. Z-Clips should be installed within 2” of the top and bottom edge
 - b. Z-Clips should be installed within 2” of each side edge
 - c. Additional clips and rails must be placed at the maximum of every 24” along the length of the panel
 - d. Trim pieces to cover exposed edges and Z-Clip gapping can be attached directly to the panel or wall
4. Ceiling Installation
 - a. Interlocking ceiling clips should be mounted to the back of the panel and mounted to the ceiling for engagement.
 - b. Please reach out to hardware manufacturer for specific project considerations

END OF SECTION 064200