**SECTION 06 42 00 - WOOD PANELING**

 GENERAL

 SUBMITTALS

 Action Submittals:

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

 Samples: Verification samples.

 ADMINISTRATIVE REQUIREMENTS

 Pre-Installation Conference:

 Attendance: [Design Professional,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder,] installer, and related trades.

 Review: Critical dimensions, delivery and storage, staging and sequencing, and protection of completed work.

 QUALITY ASSURANCE

 Fabricator and Installer Qualifications: Firm specializing in work of this Section, with minimum [2] [\_\_] years’ experience.

 Mockup: [[8] [\_\_] feet wide x [[8] [\_\_] feet high.] [full height.] Approved mockup [may] [may not] remain as part of the Work.

 Fire hazard classification: Class [A,] [C,] tested to ASTM E84.

 PRODUCTS

 MANUFACTURERS

 Wood Panels: Roseburg Forest Products. [www.roseburg.com](http://www.roseburg.com)

 Substitutions: [Refer to Division 01.] [Not permitted.]

 MATERIALS

 Wood Panels:

 Source: SkyPly [RediPly] [RediBead] Hardwood Veneer Panels.

* + - 1. 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.] [White Ash.] [Vertical grain Fir.] [Cypress.]

 Veneer cut: [Rotary.] [Rift.] [Plain sliced.] [Quarter sliced.]

 Veneer matching: [Slip match.] [Whole piece.] [Pleasing match.] [Book match.] [Random match.]

 Core:

* + - * 1. Description: Moisture-resistant medium density fiberboard, manufactured using no added urea formaldehyde resin, minimum 47 PCF density.
				2. Comply with ANSI A208.2, Grade 155, MR50.
				3. Pass ASTM D1037.
				4. Source: Medex.

\*\*\*\* OR \*\*\*\*

 Core:

* + - * 1. Description: Interior medium density fiberboard manufactured using 100 percent post-consumer recycled content and no added urea formaldehyde resin, minimum 48 PCF density
				2. Comply with ANSI A208.2, Grade 130, MR10.
				3. Source: Arreis.

\*\*\*\* OR \*\*\*\*

 Core:

* + - * 1. Description: Fire-retardant medium density fiberboard, manufactured using no added urea formaldehyde resin, minimum 48 PCF density.
				2. Comply with ANSI A208.2, Grade 130 and City of New York, Department of Building MES 244.
				3. Source: Medite FR.

\*\*\*\* OR \*\*\*\*

 Core:

* + - * 1. Description: Combination Fiber Core (CFC); manufactured using ULEF resin, MDF cross bands with softwood veneer inner plies.
				2. Comply with ANSI/HPVA HP-1.
				3. Comply with EPA TSCA Title VI, Ultra Low Emitting Formaldehyde (ULEF) exempt.
				4. Source: SkyPly CFC.

\*\*\*\* OR \*\*\*\*

 Core:

* + - * 1. Description: White Fir veneer; manufactured using ULEF resin.
				2. Comply with ANSI/HPVA HP-1.
				3. Comply with EPA TSCA Title VI, Ultra Low Emitting Formaldehyde (ULEF) exempt.

\*\*\*\* OR \*\*\*\*

 Core:

* + - * 1. Description: Hardboard Cross Band (HXB); manufactured using ULEF resin.
				2. Comply with ANSI/HPVA HP-1.
				3. Comply with EPA TSCA Title VI, Ultra Low Emitting Formaldehyde (ULEF) exempt.

 Backing: Thermally fused laminate.

 Panel thickness: Nominally [\_\_] inch[es].

 Solid Wood: Species and cut to match wood panel face veneers.

 ACCESSORIES

 Fasteners: [Plain] [Galvanized] [Stainless] steel, type best suited to application.

 Adhesives: Compatible with panels and substrate materials.

 FABRICATION

 Quality: Fabricate paneling to AWI Architectural Woodwork Standards, [Premium] [Custom] Grade.

 FINISHES

 Exposed Wood: Unfinished, for field-applied finish.

\*\*\*\* OR \*\*\*\*

* + 1. Exposed Wood: Factory finished; manufacturer’s standard ultraviolet-cured lacquer, clear.

 EXECUTION

 INSTALLATION

 Install in accordance with manufacturer’s instructions, AWI Architectural Woodwork Standards, and approved Shop Drawings.

 END OF SECTION