SECTION 06 4600

WOOD TRIM

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Interior wood trim.
2. Shop finishing.

B. Related Sections:
1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 REFERENCES

A. American Wood Protection Association (AWPA):
1. C2 - Lumber, Timber, Bridge Ties, and Mine Ties, Pressure Treatment.
2. C9 - Plywood, Pressure Treatment.
3. C20 - Structural Lumber, Fire-Retardant Pressure Treatment.
4. C27 - Plywood, Fire-Retardant Pressure Treatment.

B. Architectural Woodwork Institute (AWI) - Architectural Woodwork Quality Standards.

C. ASTM International (ASTM) E84 - Standard Test Method for Surface Burning Characteristics of Materials.

D. Forest Stewardship Council (FSC) STD-40-004 - Chain of Custody Standard.

1.3 SUBMITTALS

A. Submittals for Review:
1. Shop Drawings:
a. Include dimensioned plans, sections, elevations, and details, including interface with adjacent work.
b. Designate wood species and finishes.
2. Samples: 6 inch long samples of each profile.

1.4 QUALITY ASSURANCE

A. Fabricator Qualifications:
1. Minimum 5 years experience in work of this Section.

B. Fire Retardant Treated Products: Bear label of recognized independent testing laboratory indicating flame spread rating of 25 or less, tested to ASTM E84.

1.5 DELIVERY, STORAGE AND HANDLING

A. Do not deliver materials until proper protection can be provided, and until needed for installation.

1.6 PROJECT CONDITIONS

A. Environmental Requirements: HVAC system complete and operational for minimum 7 days prior to installation of interior trim.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Interior Trim:
1. Graded in accordance with AWI Section 100 requirements for quality grade specified, average moisture content of 6 percent.
2. Softwood of quality suitable for opaque finish.

2.2 ACCESSORIES

A. Fasteners: Type and size as required by conditions of use; plain steel for interior use; hot dip galvanized steel for exterior use.

B. Adhesives:
1. Waterproof, water based type, compatible with trim materials.
2. Maximum volatile organic compound (VOC) content: 30 grams per liter.

2.3 FABRICATION

A. Quality: AWI Section 300, “Custom Grade”.

B. Where field fitting is required, provide ample allowance for cutting.

C. Groove back of trim applied to flat substrate, except do not groove exposed ends.

D. Preservative Treatment:
1. Treat wood in contact with masonry or cementitious materials.
2. Treatment process: Waterborne type, free from arsenic, chromium, and other EPA classified hazardous preservatives.
3. Treat in accordance with AWPA C2 using waterborne preservative, with retention of 0.25 percent.

E. Fire Retardant Treatment: Treat interior wood in accordance with AWPA C20.

2.4 FINISHES

1. Color: To be selected from manufacturer's full color range.
2. Prime wood with wood primer before applying finish coats.
3. Sheen: Semi-gloss.

PART 3 - EXECUTION

3.1 PREPARATION

A. Prior to installation, condition wood to average humidity that will prevail after installation.

B. Back prime wood installed against masonry or cementitious materials prior to installation.

3.2 INSTALLATION

A. Install in accordance with AWI Section 1700, Custom Grade requirements.

B. Install in longest practical lengths.

C. Set plumb and level with straight sight lines & tight joints.

D. Miter ends, corners, and intersections.

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E. Scribe to adjacent construction with maximum 1/8 inch gaps.

END OF SECTION