

DIVISION 06 00 00

WOOD, PLASTICS AND COMPOSITES



06 40 00 Architectural Woodwork

1. Custom shop fabricated millwork such as casework, specialty furniture, custom doors and frames, shelving, etc.
2. All fabrications AWMAC Typical Grade Custom or Premium as directed by Queen's University.
3. **Lumber**
 - 3.1. AWMAC Typical Grade: Custom – Premium
 - 3.2. Quality Standards:
 - 3.2.1. FSC Certified
 - 3.2.2. Composite woods such as; Glue Laminated Timber (Glulam) / Cross-Laminated Timber (CLT) / Laminated Strand Lumber (LSL) will have NAUF (No Added Urea Formaldehyde)
 - 3.2.3. Panel core type (OSB, plywood, particleboard) and thickness (greater than 19mm) with any special compliance requirements, such as:
 - Moisture resistant in damp locations
 - NAUF (No Added Urea Formaldehyde)
 - Fire retardant as required
 - 3.2.4. Reserved
4. **Standing and Running Trim**
 - 4.1. Quality Standards
 - 4.1.1. Use longest continuous lengths available
 - 4.1.2. Scribe and miter all corners
 - 4.1.3. Fill all nail holes and joints
 - 4.1.4. Paintable silicone top edge where no metal trim is detail
5. **Casework**
 - 5.1. AWMAC Typical Grade Custom or Premium as directed by Queen's University
 - 5.2. High pressure laminates
 - 5.3. No self-edging permitted
 - 5.4. Post formed or decorative edging

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6. Solid Phenolic

- 6.1. Use in wet / very damp locations, laboratories
- 6.2. Use chemical grade in laboratories using chemicals or other volatile / hazardous material
- 6.3. To be selected from manufacturers full line of patterns and finishes. Preference will be given to those offering core colours than black.

7. Plastic Laminate

- 7.1. To be selected from manufacturers full line of patterns and finishes
- 7.2. Acceptable manufacturers:
 - 7.2.1. Abet Laminati
 - 7.2.2. Arborite
 - 7.2.3. Formica
 - 7.2.4. Laminart
 - 7.2.5. Nevamar
 - 7.2.6. Pionite
 - 7.2.7. Wilsonart
- 7.3. Quality Standards:
 - 7.3.1. High pressure laminates
 - 7.3.2. No self-edging permitted
 - 7.3.3. Post formed or decorative edging
 - 7.3.4. Back and side splash, where required, to be coved or otherwise continuous / seamless at counter junction
 - 7.3.5. Countertop profile to be finished on underside
 - 7.3.6. Apply vapor resistant material above dishwasher under counter
 - 7.3.7. Deck mount sinks into plastic laminate counters

8. Melamine

- 8.1. Grade 5 minimum
- 8.2. Acceptable manufacturers:
 - 8.2.1. Formica
 - 8.2.2. Panolam
 - 8.2.3. Tafisa
 - 8.2.4. Uniboard
 - 8.2.5. Wilsonart
 - 8.2.6. Reserved

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9. Fasteners, Adhesives and Other Associated Components

9.1. Low emitting or No VOC's

9.2. Non-corrosive metals, non-reactive metal combinations

9.3. Use mechanical joint fasteners

9.4. Paintable

9.5. Reserved