CSC Section 06 42 00

**Wood Paneling**

This guide spec is intended to be used with Architectural Woodwork Manufacturer’s Association of Canada quality standards manual (current edition at date of tender) - hereinafter referenced as "AWMAC’s STANDARDS (NAAWS)".

Required selections are in brackets and in **[BOLD]**. Notes and comments are in grey text boxes such as this one.

This section incorporates wording for AWMAC's Guarantee and Inspection Service (GIS). In order to ensure that the quality of materials and workmanship of the architectural woodwork specified are in compliance with AWMAC’s STANDARDS (NAAWS) the AWMAC Guarantee and Inspection Service program (GIS) must be specified and be considered an integral component of the scope of work. Costs for this program are to be borne by the millwork sub contractor. Go to <http://awmac.com/gis> for details.

This guide specification covers the materials and methods you would want to specify for Wall/Ceiling Surfacing and Partitions. It is strongly recommended that you read the Section 8 of AWMAC’s STANDARDS (NAAWS)before using this guide spec. Many of the items you would ordinarily specify are governed by your choice of Grade.

#  GENERAL

## SUMMARY

### Section Includes:

#### **[Solid or Veneered Wood Paneling.]**

#### **[High Pressure Decorative Laminate Wall/Ceiling Covering.]**

#### **[Solid Surface Wall Covering.]**

#### **[Solid Phenolic Wall Covering.]**

#### **[All furring, blocking, shims, and methods of attachment from face of wall out.]**

Include Item 5 if installation is included.

#### **[Factory finishing.]**

Factory finishing is strongly recommended. It is extremely difficult to get a quality finish under job site conditions.

### Excluding:

#### Casework, Soffits or other Filler Panels.

#### Room, Closet, or Access Doors.

#### Any structural wood framing of plywood.

#### Exposed base.

### Related Sections:

Include the items below that apply.

#### Rough Carpentry: Wood blocking or grounds inside finished walls or above finished ceilings.

#### Casework.

#### Wood Doors.

#### Wood Trim.

## REFERENCES

### Work in conformance with the Architectural Woodwork Manufacturer’s Association of Canada quality standards manual (current edition at date of tender).

All of the other standards you would reference are within AWMAC’s STANDARDS (NAAWS).

#### If there is conflict between plans and/or specifications and AWMAC’s STANDARDS (NAAWS), plans and specifications shall govern.

## SUBMITTALS

### Shop Drawings:

#### Submit shop drawings conforming to AWMAC’s STANDARDS (NAAWS) requirements

#### Submit two copies, one of which will be returned with reviewed notations. Make corrections noted (if any), and distribute required copies prior to start of work

### Samples:

#### Submit three sample sets of **[finished]** samples of each species and cut of wood to be used. Veneer samples minimum 304 mm x 304 mm. Each sample set of three to represent range of color and grain expected.

####  **[Submit three additional samples of each material for use of paint trade.]**

Include this Item if materials are to be finished at the job site.

### **[Mockups]:**

Mockups should not be necessary for most projects. Include this Item if full sized samples are desired.

#### **Provide mockup of one section of paneling, including outside and inside corner. mockup of material and finish to be provided.**

## QUALITY ASSURANCE

### Work in accordance with Grade or Grades specified in AWMAC’s STANDARDS (NAAWS).

### **[Guarantee and Inspection Service:]**

#### Architectural woodwork shall be manufactured **[and/or]** installed to AWMAC’s STANDARDS (NAAWS) and shall be sub­ject to an inspection at the factory and/or site by an appointed AWMAC Certified Inspector. Inspection costs shall be included in the tender price for this project. (Contact your local AWMAC Chapter for details of inspec­tion costs). Shop drawings submitted to the AWMAC Chapter office for review before work commences. Work that does not meet AWMAC’s STANDARDS (NAAWS), as specified, shall be replaced, reworked and/or refinished by the architectural woodwork contractor, to the approval of AWMAC, at no additional cost to the Owner.

#### If the woodwork contractor is an AWMAC manufacturer member in good standing, a two (2) year AWMAC Guarantee Certificate will be issued. The AWMAC Guarantee shall cover replacing, reworking and/or refinishing any deficient architectural woodwork due to faulty workmanship or defective materials supplied **[and/or]** installed by the woodwork contractor, which may appear during a two (2) year period following the date of issuance.

#### If the woodwork contractor is *not* an AWMAC manufacturer member they shall provide the owner with a two (2) year maintenance bond, in lieu of the AWMAC Guarantee Certificate, to the full value of the architectural woodwork contract.

For more information about AWMAC and the GIS Program visit our website at [www.awmac.com](http://www.awmac.com) and contact your local AWMAC Chapter office.

### Woodwork Manufacturer Qualifications:

#### Member in Good Standing of AWMAC.

#### Minimum 5 years of production experience similar to this project, whose qualifications indicate ability to comply with requirements of this Section.

#### Minimum one project in past 5 years where value of woodwork within 20 percent of cost of woodwork for this Project.

## PRE-INSTALLATION MEETING

### Before framing completed hold a meeting with the contractor, paneling manufacturer, paneling installer, and framing sub-contractor.

#### Review locations of backing required for paneling installation as shown on paneling shop drawings.

####  Review method of attachment for backing to wall system as shown on architectural drawings

## DELIVERY, STORAGE, AND HANDLING

### Deliver materials only when the project ready for installation and clean storage area provided.

#### Delivery of architectural millwork made only when area of operation enclosed, plaster and concrete work dry and area broom clean.

#### Maintain indoor temperature and humidity within range recommended by AWMAC’s STANDARDS (NAAWS) for location of the project.

## SCHEDULING

### Coordinate fabrication, delivery, and installation with the Contractor and other applicable trades.

# PRODUCTS

## COMPONENTS

### Meeting requirements of AWMAC’s STANDARDS (NAAWS).

#### Lumber sound and kiln dried.

##### Exposed lumber: **[[species], [cut]]**

#### Veneer: **[species] [cut]** with **[book] [slip] [other]** matched.

The species is the species of tree, such as birch or oak. The cut is the angle of the face to the grain, such as plain sliced, quarter, rift, or rotary cut. Use closed grain hardwood for painted wood paneling. Veneer may be plain sliced, quarter sliced, rift, or rotary cut.

The match is the system of matching veneer leaves on the panel. Book matched is the most common system; slip match is frequently used. Rotary cut veneers may be wide enough to make single leaf faces. Other less common matches are random, slip center book and special matches.

#### Panels for opaque finish **[MDO] [MDF] [closed grain hardwood veneer]**.

#### Core material for laminated panels **[MDF] [Particleboard]**.

#### Laminate: **[manufacturer] [pattern]**.

#### Solid surface: **[manufacturer] [pattern]**.

##### Solid surface at any room or area from same batch to prevent color mismatch.

#### Solid Phenolic: **[manufacturer] [pattern]**.

## FABRICATION

Select the appropriate items below

### Paneling AWMAC’s STANDARDS (NAAWS)**[Economy] [Custom] [Premium]** Grade.

### Stile and Rail Wood Paneling:

#### Stiles and rails **[19 mm] [25 mm]** thick.

#### Joints at stiles and rails securely fastened with dowels or biscuits.

#### Panels **[flat] [raised].**

### Flat Veneered Paneling:

#### Panels **[full width pre-manufactured sets] [selectively reduced width pre-manufactured sets] [custom sequenced] [blueprint sequenced]**.

#### Visible edges and reveals: **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Outside corners **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per detail]**.

#### **[Blueprint Match: Work at room(s) [ \_\_\_\_\_\_\_\_\_\_ ] blueprint matched.**

This item is only necessary if there is an area where a blueprint match is desired. This could apply if there is transparent finish flat wood paneling adjacent to Wood Doors and Wood Casework. Similar language must be inserted in the Sections specifying casework, wood trim, and wood doors.

##### **Work in this/these area(s) AWMAC’s STANDARDS (NAAWS) Premium Grade.**

##### **Casework, paneling, doors and wood trim provided by same manufacturer.**

##### **[Veneer cut and figure to match Design Professional’s sample] or**

##### **[Veneer log and/or flitch specified by Design Professional]**.

Choose either veneer sample or specified log

##### **Faces at cabinet doors, drawer fronts, and false fronts sequence matched, run and match vertically, and sequence matched with adjacent wall paneling and/or doors.**

##### **Faces at exposed ends of cabinets selected from same flitch, and well matched to adjacent paneling and to cabinet fronts.**

##### **Components including casework, paneling, doors, and trim factory finished at same time in same facility.]**

### High Pressure Decorative Laminate Paneling:

#### Panels **[full width] [selectively reduced]**.

#### Visible edges and reveals **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Outside corners **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

### Solid Surface Paneling:

#### Panels **[manufacturer], [pattern]**.

#### Expansion joints **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Reveals **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Outside corners: **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Seams **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

### Solid Phenolic Core Paneling:

#### Panels **[manufacturer], [pattern]**.

#### Expansion joints **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Reveals **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Outside corners: **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

#### Seams **[Conform to AWMAC’s STANDARDS (NAAWS) Grade Standards] [per details]**.

###  Factory Finishing

Factory finishing is strongly recommended. In addition to getting a better finish, you are moving the air quality problems off site where, a proper spray booth will protect the environment and the health of the finishers.

#### Grade: AWMAC’s STANDARDS (NAAWS) **[Premium Grade] [Custom Grade] [Match grade of product to be finished].**

#### AWMAC’s STANDARDS (NAAWS) finish system: [\_\_\_\_\_]

Finishing system number and name

# EXECUTION

## EXAMINATION

### Verify adequacy and proper location of blocking and support framing.

### Verify mechanical, electrical, plumbing, HVAC and other building components, affecting work in this Section are in place and ready

## INSTALLATION

### Install work in conformance with AWMAC’s STANDARDS (NAAWS).

### Conform to AWMAC’s STANDARDS (NAAWS) Grade

### Secure all work in place, square, plumb, and level.

### Fit and scribe work abutting other building components.

### Countersink mechanical fasteners used at exposed and semi-exposed surfaces, excluding installation attachment screws and those securing cabinets end to end.

### Cut equipment cutouts shown on plans using templates provided

## ADJUSTING & TOUCH UP

### Adjust all moving and operating parts to function smoothly and correctly.

### Fill and retouch all nicks, chips and scratches. Replace all un-repairable damaged items

## CLEANUP

### Upon completion of installation, clean installed items of pencil and ink marks, and broom clean area of operation.

**END OF SECTION**