

SECTION 06 20 00
FINISH CARPENTRY

PART 1 - GENERAL

1.1 DESCRIPTION

A. This section specifies the following interior items.

1. Nurses' Station Casework

1.2 RELATED WORK

- A. Color and texture of finish: Drawing A-603, Room Finish Schedule.
- B. Stock Casework: Section 12 32 00, MANUFACTURED WOOD CASEWORK.
- C. Other Countertops: Section 12 36 00, COUNTERTOPS.
- D. Electrical light fixtures and duplex outlets: Division 26, ELECTRICAL.

1.3 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Shop Drawings:
 1. Millwork items - Half full size scale for sections and details 1:50 (1/4-inch) for elevations and plans.
 2. Show construction and installation.
- C. Samples:

Solid surfacing materials, 150 mm by 300 mm (six by twelve inches).
- D. Certificates:
 1. Indicating fire retardant treatment of materials meet the requirements specified.
 2. Indicating moisture content of materials meet the requirements specified.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Store solid surfacing material in weather tight well ventilated structures or in space in existing buildings designated by Resident Engineer. Store at a minimum temperature of 21°C (70°F) for not less than 10 days before installation.

1.5 APPLICABLE PUBLICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. American Society of Testing and Materials (ASTM):

- A36/A36M-08.....Structural Steel
- A53-07.....Pipe, Steel, Black and Hot-Dipped Zinc Coated,
Welded and Seamless
- A167-99 (R2009).....Stainless and Heat-Resisting Chromium-Nickel
Steel Plate, Sheet, and Strip
- B26/B26M-09.....Aluminum-Alloy Sand Castings
- B221-08.....Aluminum and Aluminum-Alloy Extruded Bars, Rods,
Wire, Profiles, and Tubes
- E84-09.....Surface Burning Characteristics of Building
Materials
- C. Architectural Woodwork Institute (AWI):
 - AWI-99.....Architectural Woodwork Quality Standards and
Quality Certification Program
- D. Federal Specifications (Fed. Spec.):
 - A-A-1922A.....Shield Expansion
 - A-A-1936.....Contact Adhesive
 - FF-N-836D.....Nut, Square, Hexagon Cap, Slotted, Castle
 - FF-S-111D(1).....Screw, Wood
 - MM-L-736(C).....Lumber, Hardwood

PART 2 - PRODUCTS

2.1 SOLID-SURFACING-MATERIAL

- A. Grade: Custom
- B. Solid-Surfacing-Material Thickness: 3/4 inch (19mm).
- C. Colors, Patterns, and Finishes: Provide materials and products that result in colors of solid-surfacing material complying with the following requirements.
 - 1. As selected by Architect from manufacturer's full range.
- D. Fabricate tops in one piece, unless otherwise indicated. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing.
 - 1. Fabricate tops with shop-applied edges of materials and configuration indicated.

PART 3 - EXECUTION

3.1 ENVIRONMENTAL REQUIREMENTS

- A. Maintain work areas and storage areas to a minimum temperature of 21⁰C (70⁰F) for not less than 10 days before and during installation. B.
 - Do not install solid-surfacing-materials in any room or space

where wet process systems, such as concrete, masonry, or plaster work, is not complete and dry.

- B. Shower Enclosure: Anchor solid-surfacing material to supporting substrate with [adhesive]. Do not use face fastening.
 - 1. Install flush paneling with no more than 1/16 inch in 96-inch (1.5mm in 2400mm) vertical cup or bow and 1/8 inch in 96-inch (3mm in 2400mm) horizontal variation from a true plane.
- C. Window Stools' Anchor securely by screwing through corner blocks of base supports into underside of window stool.
 - 1. Align adjacent solid-surfacing-material countertops and form seams to comply with manufacturer's written recommendations using adhesive in color to match. Carefully dress joints smooth, remove surfaces scratches, and clean entire surface.
 - 2. Install stools with no more than 1/8 inch in 96-inch (3mm in 2400mm) sag, bow, or other variation from a straight line.
 - 3. Calk space between stool and wall with sealant specified in Division 7 Section "Joint Sealants."

3.2 ADJUSTING AND CLEANING

- A. Repair damaged and defective solid-surfacing material, where possible, to eliminate functional and visual defects; where not possible to repair, replace. Adjust joinery for uniform appearance.
- B. Clean solid-surfacing-material on exposed and semi-exposed surfaces.

- - - E N D - - -