

## **SECTION 12 35 00**

### **SPECIALTY CASEWORK**

#### **PART 1 – GENERAL**

##### **1.01 Section Includes**

- A. Laminate-Faced Particle Board Cabinetry:
  - 1. Door Style: Laminate Flush Panel Laminate Cabinetry
  - 2. Stainless Steel Wire pull handles

##### **1.02 Related Sections**

- A. Section 06 10 00 – Rough Carpentry
- B. Section 06 20 00 – Finish Carpentry

##### **1.03 References**

- A. American National Standards Institute (ANSI).
- B. California Air Resources Board (CARB).
- C. Kitchen Cabinet Manufacturers Association (KCMA).

##### **1.04 Submittals**

- A. Product Data: Manufacturer's data sheets on each product to be used.
- B. Shop Drawings: Indicate type, location, size, and hand of each component. Include requirements for blocking and relationship with adjacent construction.
- C. Selection Samples: For each finish product specified, one complete set of color chips representing the manufacturer's full range of available colors.

##### **1.05 Quality Assurance**

- A. Manufacturer Qualifications: Minimum five years' experience manufacturing similar products.
- B. Installer Qualifications: Minimum five years' experience installing similar products.

##### **1.06 Delivery, Storage, and Handling**

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

##### **1.07 Project Conditions**

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limited recommended by manufacturer for optimum results. Do not store or install products under environmental conditions outside manufacturer's recommended limits.

## **PART 2 – PRODUCTS**

### **2.01 Manufacturers**

- A. Cabinetry: Acceptable Manufacturers: Qualified cabinetry manufacturers experienced with fabrication of laminate cabinetry.
- B. Wire Pulls: Hafele, Emtek, or equal.

### **2.02 Door Styles**

- A. Style: Laminate
  - 1. Door: Thermally fused laminate adhered to 5/8 inch (16 mm) particleboard substrate.
  - 2. Drawer: Front: 5/8 inch (16 mm) Laminate.
  - 3. Finish: Laminate from standard laminate selections.

### **2.03 Cabinet Case**

- A. Cabinet Case:
  - 1. Face Frames:
    - a. Construction: Frame members are fastened together using pocket screws and glue.
    - b. Horizontal Rails: 5/8" particleboard substrate.
    - c. Vertical Stiles: 5/8" particleboard substrate.
    - d. Finish: Laminate from standard laminate selections.
  - 2. Cabinet Ends:
    - a. Exposed Ends: 5/8" particleboard substrate.
    - b. Wall Cabinet Ends: Dado-fitted to receive tops and bottoms and predrilled for adjustable shelves.
    - c. Base Cabinet Ends: Dado-fitted to receive bottoms and predrilled for adjustable shelves.
    - d. Finish: Laminate from standard laminate selections.
  - 3. Wall Cabinet Shelving:
    - a. Shelving: 3/4 inch particleboard substrate edge-banded with PVC tape and fully adjustable in all wall cabinets.
    - b. Base Shelf: Half depth, fully adjustable; no shelving in sink base.
  - 4. Wall Cabinets Top and Bottom: Not less than 1/2 inch (13 mm) premium furniture board; let into sides and face frame. Joints glued.
  - 5. Base Cabinet Floors: 1/2 inch (13 mm) premium furniture board; let into sides and face frame. Joints glued and nailed.
  - 6. Cabinet Backs: 1/8 inch (3 mm) printed high density fiberboard (HDF), printed to match cabinet interior.
  - 7. Door Hinges:
    - a. Fully concealed, 6-way adjustable.
    - b. Fully concealed, 6-way adjustable with Soft Close.
  - 8. Finish: Laminate from standard laminate selections.

### **2.04 Wire Pulls: all cabinet drawers and doors**

- A. Size: 4" length x 1.25" projection distance.

- B. Materials: Stainless steel.

### **PART 3 – EXECUTION**

#### **3.01 Examination**

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### **3.02 Preparation**

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project condition.

#### **3.03 Installation**

- A. Install in accordance with manufacturer's instructions.

#### **3.04 Protection**

- A. Protect installed products until completion of project.
- B. Touch-up, repair, or replace damaged products before Substantial Completion.

END OF SECTION