

**SECTION 125100 OFFICE FURNITURE**

PART 1 - GENERAL

1.1 GENERAL REQUIREMENTS

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. Office Furniture.

1.3 RELATED SECTIONS

- A. Section 124000 - Furnishings & Accessories
- B. Section 125000 - Furniture
- C. Section 260500 - Common Work Results for Electrical.

1.4 SUBMITTALS

- A. Submit under provisions of Section 013000 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
  - 1. Submit dimensioned drawings for required wall blocking
  - 2. Submit dimensioned drawings showing open locations for power/data in offices
  - 3. Submit dimensioned drawings with suggested locations for cores in open areas and conference rooms.
  - 4. Submit elevations for wall mounted components, including but not limited to markerboards, tackboards, and wall hung storage.
- D. Verification Samples: For each finish product specified, two samples, representing actual product and finish.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 2-year experience installing similar products. Qualification of Installers: Use only personnel who are thoroughly familiar, skilled and specially trained in the techniques of office furniture installation, and who are completely familiar with the published recommendations of the manufacturers. Shelves do not deflect more than 1/360 of the total length when subjected to a static load of 3-1/2 lbs./linear inch, evenly distributed, for over

an hour duration. Shelf does not fail a proof load of 5 lbs./linear inch, evenly distributed, over a 15 minute duration.

- B. Laminated wood tops feature high-pressure laminate which meets or exceeds NEMA LD3-2005 High-Pressure Decorative Laminate standards.
- C. Particleboard meets requirements as defined by ANSI A208.1 and ASTM D 1037.
- D. Product meets the UL 1286 Standard of Office Furnishing.
- E. Product meets the UL 723 Standard for Surface Burning Characteristics of Building Materials as defined by ASTM E84 and NFPA 255.
- F. Worksurface and Table primary surfaces meet or exceed the ANSI/BIFMA X5.5 Desk/Table Product Tests.
- G. Product meets or exceeds the ANSI/BIFMA X5.9 Storage Products Tests to ensure quality and long life.
- H. Product meets or exceeds the ANSI/SOHO S6.50 Racking Resistance Tests to ensure quality and long life.
- I. Electrical components meets or exceeds UL 183 Manufactured Wiring Systems tests.
- J. Standard tackboard and/or panel fabrics meet or exceed UL 723 Surface Burning Characteristic of Building Materials tests.
- K. Standard tackboard and/or panel fabrics meet or exceed UL 1286 Standard for Safety of Office Furnishings tests. This standard utilizes the ASTM E 84 Tunnel Test method to simulate a sprinklered occupancy, as opposed to the alternative NFPA 265 Room Corner Test method.
- L. Furniture to meet the emissions requirements of the California DPH Standard Practice for the Testing of Volatile Organic Emissions from Various Sources-2004 (CA Section 01350) and ANSI/BIFMA M7.1
- M. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Finish areas designated by Architect.
  - 2. Do not proceed with remaining work until workmanship is approved by Architect.
  - 3. Refinish mock-up area as required to produce acceptable work.

#### 1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this section and as deemed necessary thereafter.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Packing materials for shipping are reusable and/or recyclable.
- B. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.

- C. Handling: Handle materials to avoid damage.
- D. Protection: Provide protection of project site for flooring, walls, elevators as necessary.

#### 1.8 PROJECT CONDITIONS

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

#### 1.9 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

#### 1.10 GUARANTEE

- A. Lifetime warranty that product is free from defects in materials and workmanship (includes shipping, parts and labor for the repair or replacement of defective item.).
- B. Guarantee shall be in a form acceptable to the Owner and executed by an authorized individual.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Basis of Design: Steelcase
- B. Substitutions: Herman Miller, Teknion, Hayworth, Knoll. All others not permitted without written approval of the County.
- C. Requests for substitutions will be considered in accordance with provisions of Section 016000 - Product Requirements.
- D. All Furniture Components (including but not limited to seating, desks, file cabinets, workstation, worksurfaces, etc) shall be as described in Bridging Documents Furniture Specifications Details document dated 01-08-2021.

#### 2.2 MATERIALS

- A. Office Furniture:
  - 1. Components:
    - a. Desks.
    - b. Storage.
    - c. Tables.
    - d. Shelving.
    - e. Movable units.
    - f. Tackable surfaces.
    - g. Power and data.

**PART 3 - EXECUTION**

**3.1 INSPECTION**

- 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.

**3.2 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 conditions.

**3.3 INSTALLATION**

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent construction. Test for proper operation and adjust until satisfactory results are obtained.

**3.4 PROTECTION**

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

**END OF SECTION 125100**