

- 1) GENERAL
  - a) SECTION INCLUDES
    - i) High-pressure decorative laminate countertops
  - b) RELATED SECTIONS
    - i) Division 11: Appliances
    - ii) Division 15: Plumbing
    - iii) Division 16: Electrical Service Fixtures and Connections
  - c) QUALITY ASSURANCE
    - i) Manufacturer: Minimum of 5 years experience in providing manufactured casework systems for similar types of projects, produce evidence of financial stability, bonding capacity, and adequate facilities and personnel required to perform on this project.

*OPTIONAL LANGUAGE: Architectural Woodwork Quality Standards (Delete this subsection if not required.)*

- ii) Quality Standard: Unless otherwise indicated, comply with AWI's Architectural Woodwork Quality Standards Current Edition for grades of interior architectural woodwork, construction, finishes and other requirements.
        - (1) Provide current license from AWI Quality Certification Program that manufacturer is duly certified for premium grade quality standards in sections 11.1 (Laminate Cabinets) and P11.0620 (Installation)
        - (2) Provide labels indicating that manufactured casework meets AWI standards.
- d) SUBMITTALS
  - i) Comply with Division 1, unless otherwise indicated.
  - ii) Product Data: Manufacturer's catalog with specifications and construction details.
  - iii) Shop Drawings: Indicate dimensions, description of materials and finishes, general construction, specific modifications, component connections, anchorage methods, hardware, and installation procedures, plus the following specific requirements.
    - (1) Include section drawings and details of work surfaces.
    - (2) Indicate locations of plumbing and electrical service field connection by others.
- e) PRODUCT HANDLING
  - i) Deliver completed laminate countertops and related products only after wet operations in building are completed, store in ventilated place, protected from the weather, with relative humidity range of 30 percent to 55 percent.
  - ii) Protect finished surfaces from soiling and damage during handling and installation with a protective covering.
- f) JOB CONDITIONS
  - i) Environmental Requirements: Do not install casework until permanent HVAC systems are operating and temperature and humidity have been stabilized for at least 1 week.
    - (1) Manufacturer/Supplier shall advise Contractor of temperature and humidity requirements for architectural casework installation areas.
    - (2) After installation, control temperature and humidity to maintain relative humidity between 30 percent and 55 percent.
  - ii) Conditions: Do not install casework until interior concrete work, masonry, plastering and other wet operations are complete.

**g) WARRANTY**

- i) All materials and workmanship covered by this section will carry a one (1) year warranty from date of acceptance.

**2) PRODUCTS****a) ACCEPTABLE MANUFACTURERS**

- i) Manufacturer:
  - (1) OnePointe Solutions
    - (a) Drawings and specifications are based on OnePointe Solutions laminate countertops.
    - (b) Other manufacturers shall comply with the minimum levels of material and detailing indicated on the drawings or as specified.

**b) MATERIALS**

- i) Core Materials:
  - (1) MR Moisture Resistant Medium Density Fiberboard: 40-50-pound medium density fiberboard according to ANSI A208.1-2016, grade 155 MR50 moisture resistant specifications. Core is to contain no added formaldehyde (NAF).
- ii) Decorative Laminates: GREENGUARD Indoor Air Quality Certified
  - (1) High-pressure decorative laminate HGS (0.045"), NEMA Test LD 3-2005.
  - (2) High-pressure decorative laminate HGP (0.036"), NEMA Test LD 3-2005.
  - (3) Chemical-Resistant decorative laminate, NEMA Test LD 3-2005
  - (4) High-pressure backer, NEMA Test LD 3-2005.
- iii) Laminate Color Selection: Maximum 1 color per contiguous elevation and 5 colors per project. (See Color Selection in section 3.e).
- iv) Edging Materials:
  - (1) High-pressure decorative laminate HGP (0.036") self-edge, machine applied.

**c) SPECIALTY ITEMS**

- i) Support Members:
  - (1) Countertop support brackets: Powder coated, 12ga steel with integral cleat mount opening and wire management opening.
  - (2) Undercounter support frames: Powder coated.
  - (3) Legs: Powder coated.

**d) FABRICATION**

- i) Fabricate countertops to dimensions, profiles, and details shown.
- ii) Core:
  - (1) 1 1/8" thick ANSI A208.1-2016, grade 155 MR50 moisture resistant medium density fiberboard.
- iii) Surface:
  - (1) High-pressure decorative HGS/HGP laminate with balanced backer sheeting. (standard)
  - (2) Chemical resistant high-pressure decorative HGS/HGP laminate with balanced backer sheeting. (option)
- iv) Edges:
  - (1) Including applied backsplash. HGS/HGP laminate self-edge. Edges are machine applied with low Volatile Organic Compound (VOC), non-toxic, PUR adhesive.
- v) All countertop joints must be dry fit at the factory to check for consistency in color from one panel to the other and overall finished panel thickness, resulting in a high-quality product that is easy to install.

**3) EXECUTION****a) INSPECTION**

- i) The countertop contractor must examine the job site and the conditions under which the work under this section is to be performed and notify the building owner in writing of unsatisfactory conditions. Do not proceed with work under this Section until satisfactory conditions have been corrected in a manner acceptable to the installer.

**b) PREPARATION**

- i) Condition countertops to average prevailing humidity conditions in installation areas prior to installing.

**c) INSTALLATION**

- i) Install countertops level, true and straight with no distortions. Shim as required. Where countertop abuts other finished work, scribe and cut to accurate fit.
- ii) Repair minor damage per plastic laminate manufacturer's recommendations.

**d) CLEANING**

- i) Remove and dispose of all packing materials and related construction debris.
- ii) Clean countertops. Wipe off fingerprints, pencil marks, and surface soil etc., in preparation for final cleaning by the building owner.

**e) COLOR SELECTION**

- i) Laminate Color Selection:
  - (1) Laminates will be chosen from the full range of standard Wilsonart and Nevamar stock color charts or equivalent products.
- ii) Miscellaneous Hardware (support brackets, table frames, etc.): Select from your choice of powder coating stock colors matched to White, Beige, Gray, Black and Silver.

\*For complete and current Laminate and PVC color availability charts please contact your sales representative.

**END OF SECTION**