

# DIVISION 12 Furnishings





## SECTION 12372 – CABINETS

### PART 1 – GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract from the front of the Specification book, including General Conditions, Supplementary General Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes:
  - 1. Kitchen cabinets
  - 2. Bathroom cabinets
- B. Related Sections: The following sections contain requirements that relate to this section:
  - 1. Division 6 Section for countertops.
  - 2. Division 11 Section for appliances mounted in kitchen casework.
  - 3. Division 15 Section for sink units mounted in countertops.

#### 1.3 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- B. Product data for each type of casework specified.
- C. Shop drawings showing location and size of each type of casework, accessories, materials, finishes, hardware types and locations, filler panels, and anchorage details. Include fully dimensioned plans and elevations and anchorage details to countertop and walls.
- D. Samples for selection purposes for each color, texture, and pattern specified, showing full range of variations expected in these characteristics.
  - 1. Frame, drawer and door panel for finish selection.
  - 2. One unit of each type of exposed hardware required.
- E. Product certificates signed by the manufacturer certifying that materials furnished comply with specified requirements.

- F. Maintenance data for kitchen casework for inclusion in Maintenance Manual specified in Division 1.

#### 1.4 QUALITY ASSURANCE

- A. Kitchen and Bathroom Casework: Complying with ANSI/NKCA A161.1.
  - 1. KCMA Certification: Provide kitchen and bathroom casework with National Kitchen Cabinet Manufacturers Association "Certified Cabinet" seal affixed in a semi-concealed location of each unit, evidencing compliance with above standard.
- B. Single-Source Responsibility: Obtain kitchen and bathroom casework from one source from a single manufacturer.

#### 1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver casework as a factory-assembled unit, packaged individually, and shipped each in its own carton.

#### 1.6 PROJECT CONDITIONS

- A. Environmental Conditions: Comply with casework manufacturer's written requirements for temperature and humidity conditions during storage and installation. Do not install casework until these conditions have been attained and stabilized.
- B. Field Measurements: Verify casework dimensions by field measurements. Verify that kitchen casework may be installed in compliance with the original design.

### PART 2 – PRODUCTS

#### 2.1 CABINETS

- A. Manufacturer: New England Cabinetry.
- B. Kitchen Cabinets
  - 1. Base with Honed Absolute Black Granite: Shaker panel full overlay, white.
  - 2. Option 1 with Carrara Marble, Bianco: Dark Cherry, Euro Style Full overlay.
  - 3. Option 2 with Green Soapstone: Light Cherry, Euro Style Full overlay.
  - 4. Match cabinet and door configurations on drawings.
  - 5. All interior shelving to be adjustable.

6. All pantry cabinets to have roll out shelves.

C. Bathroom Cabinets

1. Base with Carrara Marble, Bianco: Dark Cherry, Euro Style Full overlay.
2. Option 1 with Honed Absolute Black Granite: Shaker panel full overlay, white.
3. Option 2 with Green Soapstone: Light Cherry, Euro Style Full overlay.
4. Match cabinet and door configurations on drawings.
5. All interior shelving to be adjustable.

D. General Materials

1. Particle Board: ANSI A208.1 mat-formed particle board, Grade 1-M-2 with minimum density of 40 pcf, internal bond of 60 psi, and minimum screw-holding capacity of 225 lbs. on faces and 200 lbs. on edges.
2. Hardwood Plywood: ANSI/HPMA HP hardwood and decorative plywood, Good Grade (1) or better.
3. Hardboard: ANSI A135.4, Class 1, tempered.

2.2 CABINET HARDWARE

1. Kitchen pulls: Amerock AMBP19007-SS.
2. Bathroom knobs: Amerock AMBP19010-SS.
3. Hinges: Adjustable to allow for cabinet door adjustment in all directions.
4. Heavy duty drawer slides that allow for full access of drawer.

2.3 ACCESSORIES

- A. General: Manufacturer's standard accessories of type indicated.
- B. Adhesive as recommended by manufacturer. If adhesive is not recommended provide PL400 construction adhesive or liquid nail type product.

2.4 FABRICATION

- A. Fabricate wood kitchen casework to dimensions and profiles and details indicated.
- B. Assemble units in shop in components as large as practicable to minimize field cutting and jointing.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install cabinets plumb, level, true, and straight with no distortions using concealed shims. Where wood cabinets abut other finished work, scribe and cut for accurate fit. Provide filler strips, scribe strips, and moldings as indicated or required and in finish to match cabinet face.
- B. Anchor cabinets securely in place with concealed fasteners, anchored into structural support members of wall construction. Comply with manufacturer's instructions for support of units.
- C. Complete hardware installation and adjust doors and drawers for proper operation, fit and orientation.

END OF SECTION 12372

## SECTION 12690 - FLOOR MATS AND FRAMES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract from the front of the Specification book, including General Conditions and Supplementary General Conditions, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes:
  - 1. Surface-type Floor Mats:
    - a. Vinyl Aluminum Link-Type Mats
- B. Related Sections: The following sections contain requirements that relate to this section:
  - 1. Division 9 Section for tile flooring and transition strips.

#### 1.3 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification Sections.
- B. Product data for each type of floor mat and frame specified, including manufacturer's specifications and installation instructions, details of construction relative to materials, dimensions of individual components, profiles, and finishes.
- C. Shop drawings showing layout and types of floor mat and frames, full-scale sections of typical installations, details of patterns or designs, anchors, and accessories.
- D. Samples for initial selection purposes in form of manufacturer's color charts consisting of actual sections of floor mat and frame materials, showing full range of colors, textures, finishes, and patterns available, for each type of floor mat and frame indicated.
- E. Samples for verification purposes in form of 12-inch-square assembled section of floor mat and frame members with selected tread surface showing each type of metal finish and color of exposed floor mat, frames, and accessories required. Where finishes involve normal color and texture variations, include sample sets showing full range of variations expected.

- F. Maintenance data in form of manufacturer's printed instructions for cleaning and maintaining floor mats.

#### 1.4 PROJECT CONDITIONS

- A. Field Measurements: Check actual blocked-out openings in floors by accurate field measurements before fabrication of frames and mats; show recorded measurements on final shop drawings. Coordinate fabrication schedule with construction progress to avoid delay of Work.

#### 1.5 QUALITY ASSURANCE

- A. Single-Source Responsibility: Obtain floor mats and frames from one source from a single manufacturer.

#### 1.6 SEQUENCING AND SCHEDULING

- A. Provide recesses in tile work to receive mat. Defer mat installations until building enclosure is completed and related interior finish work is in progress.

### PART 2 - PRODUCTS

#### 2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  1. Reese Enterprises, Inc.

#### 2.2 MATERIALS

- A. General: Provide colors, patterns, and profiles of materials, including metals and metal finishes, as indicated on drawings or by this specification or, where not indicated, as selected by Architect from manufacturer's standard colors, patterns, and profiles.
- B. Roll-Up-Type Aluminum Floor Mats: Provide manufacturer's standard extruded aluminum hinged tread-slat mat system, with slotted hinges to form 2-inch-wide by 3/8-inch-thick slat modules, with top-surface tread inserts, continuous vinyl cushions on bottom surface of slats, and vinyl transition strip. Provide type of tread inserts and aluminum finish as specified below.
  1. Tread Surface: Textured-surface resilient vinyl insert.



2. Flexible Surface-Type Applications: Where floor mat is indicated for surface application (recessed in tile floor), provide standard vinyl transition strip, with receiver at all 4 edges, with mitered corner construction. See floor finish specifications for model.

### 2.3 FABRICATION

- A. Shop fabricate units of floor mat work to greatest extent possible in sizes as indicated. Where not otherwise indicated, provide single unit for each mat installation, but do not exceed manufacturer's maximum size recommendation for units intended for removal and cleaning. Where joints in mats are necessary, space symmetrically and away from normal traffic lanes. Where possible, verify sizes by field measurement before shop fabrication.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. Install mats to comply with manufacturer's instructions, at locations indicated and with top of mats in proper relationship to one another and to adjoining finished flooring. Set mat tops at height recommended by manufacturer for most effective cleaning action; coordinate top of mat surfaces with doors that swing across mats to provide underdoor clearance.

### 3.2 PROTECTION

- A. Provide and maintain protection until construction traffic has ended and project is near time of Substantial Completion.
- B. Defer installation of floor mats until near time of Substantial Completion for project.

END OF SECTION 12690

