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Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” after editing this section.

Section numbers and titles are from *MasterFormat 1995 Edition*, with numbers and titles from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

SECTION 06251

BEADBOARD PANELING

Specifier Notes: This section covers Kerfkore Beadboard materials.
Consult Kerfkore for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Square Edge Beadboard.

1.2 RELATED SECTIONS

- A. Section 06110 - Wood Framing.
- B. Section 06200 - Finish Carpentry - Trim.
- C. Section 08200 - Wood Doors.

D. Section 08550 - Wood Windows

1.3 SUBMITTALS

- A. Submit under provisions of Section 01300.
- 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.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store products indoors in manufacturer's unopened packaging until ready for installation.
- B. Protect work from moisture damage.

1.5 PROJECT CONDITIONS

- A. Maintain relative humidity between 25 and 55 percent prior to starting installation. Do not install products under environmental conditions outside manufacturer's absolute limits. Material must acclimate for a minimum of 48 hours.

1.6 COORDINATION

- A. Coordinate work with electrical rough-in and installation of associated and adjacent components

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Kerfkore Co., 2630 Sidney Lanier Dr., Brunswick, GA, 31525, Tel: (800)637-3539; Fax: (912)262-9763; Email: info@kerfkore.com; Web: www.kerfkore.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

Specifier Notes: Edit the following list for the specified materials.

- A. Sheet Products: Kerfkore BeadBoard MDF Medium density fiberboard, straight edge sheet products:
 - 1. Length:
 - a. 8 feet (2.44 m).
 - b. 10 feet (3.05 m).
 - 2. Width:
 - a. 48 inches (422 mm).

3. Thickness:
 - a. 1/8"
 - b. 3/16"
 - c. 1/4"
 - d. 5/16"
 - e. 3/8"
 - f. 1/2"
4. Bead Spacing:
 - a. 1-1/2" o.c. Standard
 - b. Custom spacing (Specify)
5. Bead Size:
 - a. 3/16"
6. Finish:
 - a. None
 - b. Maple Veneer on 3/16" MDF
 - c. Red Oak Veneer on 3/16" MDF
 - d. Ash Veneer on 3/16" MDF
 - e. Cherry Veneer on 3/16" MDF
 - f. Mahogany Veneer on 3/16" MDF
 - g. White Oak Veneer on 3/16" MDF
 - h. Hickory Veneer on 3/16" MDF
 - i. Red Oak 1/4" Plywood
 - j. Maple 1/4" Plywood
 - k. Birch 1/4" Plywood
 - l. Cherry 1/4" Plywood

2.3 ACCESSORIES

- A. Fasteners: Of sizes and types required to suit application.
- B. Adhesive: Of type suitable for use with the substrate.
- C. Primer: Alkyd primer sealer type.

2.4 FABRICATION

- A. Use of drilled pilot holes for screws and nails with water resistant materials may be necessary.
- B. Apply in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners and panel adhesive.

PART 3 EXECUTION

3.1 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.

3.2 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.

- C. Verify adequacy of backing and support framing.
- D. For installation over existing surfaces, prep walls by removing any loose paint, plaster or wallpaper. Use nailing strips if required to level any uneven surfaces and provide a solid base for beadboard and trim.
- E. Verify mechanical, electrical, and building items affecting work of this section are placed and ready to receive this work

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. For interior applications condition panels prior to fabrication and installation by placing them in the room to be paneled, with spacers between each piece to allow for air circulation. Allow 48 to 72 hours for material to acclimate to the humidity and temperature of the room in which it applied.
- C. Install beadboard over horizontal nailing strips attached between the studs or glued directly to drywall and plaster surfaces with a construction adhesive as indicated on the Drawings.
- D. In ceiling applications run material at right angles to the joists or install strapping to apply material parallel with joists, glue and nail accordingly.
- E. Maximum spans are as follows:
 - 1. 1/2 inch (12.5 mm) products require support every 16 inches (406 mm) on center.
 - 2. 3/8 inch (9.5 mm) products requires support every 12 inches (305 mm) on center.
 - 3. 1/4 inch (6 mm) products requires support every 12 inches (305 mm) on center.
- F. Start installation at an inside or outside corner. Space to avoid having to install very narrow pieces. Dry-fit the first panel, making any tapered or angled cuts necessary so that the leading edge is left plumb and level, with seams over studs or installed blocking.
- G. Set and secure materials and components in place, plumb and level.
- H. Carefully scribe work abutting other components, with maximum gaps of 1/32 inch (1 mm).
- I. Apply adhesives in accordance with adhesive manufacturers instructions.
 - 1. Secure panels as necessary with finish nails.
 - 2. Test on samples to determine if it will be necessary to pre-drill holes for finish nailing when using moisture resistant products.
 - 3. Use a quality panel adhesive that maintains flexibility when cured to allow the panel to adjust with changes in temperature. Do not use hard or rigid setting adhesives.
- J. Apply adhesives in accordance with adhesive manufacturers instructions. Secure panels as necessary with finish nails. Test on samples to determine if it will be necessary to pre-drill holes for finish nailing when using moisture resistant (MR) products.
- K. Allow for wall and ceiling outlets, doors and windows.

- L. Use of a thin bead of white paint grade caulk at each joint will help achieve a seamless look. Clean each joint before proceeding to the next panel.
- M. Countersink exposed fasteners below the surface and cover with putty or wood patch and sand flush. Caulk all gaps and joints with painters caulk.
- N. Finish your Beadboard with 1 or 2 coats of high quality latex or oil based paint.
- O. Finish installation with moldings for baseboards, chair rails, inside and outside corners and ceiling to wall trims as indicated on the Drawings.
- P. Install trim with nails or blind fasteners where possible.

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