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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 06400 (06 40 00)

ARCHITECTURAL WOODWORK

Specifier Notes: This section covers the following Kerfkore lightweight panels:

1. Kerfkore Foamkore
2. Kerfkore Foamkore Green
3. Kerfkore Painted Foamkore
4. Kerfkore Foamkore Fire Rated

Consult Kerfkore for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Kerfkore Lightweight Panels:

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

1. Foamkore – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of a polystyrene foam core and thin face materials.
2. Foamkore Green – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of a polystyrene foam core and NAF hardboard face.
3. Painted Foamkore – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of a polystyrene foam core and a painted fiberboard face which comes in a standard black and white. Optional colors are available upon request.
4. Foamkore Fire Rated - consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of an ASTM E84 Class A polystyrene foam core and Class A high density Magnesium Oxide face that is non-flammable and non-combustible.

1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. Include sections specifying products that incorporate Kerfkore bendable substrate materials. List other sections with work directly related to this section.

- A. Section 06220 (06 22 00) – Millwork (Millwork).
- B. Section 06250 (06 25 00) – Prefinished Paneling.
- C. Section 06260 (06 26 00) – Board Paneling.
- D. Section 06410 (06 41 00) – Custom Cabinets (Architectural Wood Casework).
- E. Section 06415 (12 36 23.13) – Countertops (Plastic-Laminate-Clad Countertops).
- F. Section 06420 (06 42 00) – Paneling (Wood Paneling).
- G. Section 06440 (06 44 00) – Wood Ornaments (Ornamental Woodwork).
- H. Section 09740 (09 74 00) – Flexible Wood Sheets.
- I. Section 09770 (09 77 00) – Special Wall Surfaces (Special Wall Surfacing)
- J. Section 10440 (10 14 00) – Interior Signage (Signage).
- K. Section 12300 (12 30 00) – Manufactured Casework (Casework).
- L. Section 12500 (12 50 00) – Furniture (Furniture).
- M. Section 12700 (12 59 00) – Systems Furniture.

1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. This article does not require compliance with standards, but is merely a listing of those used.

- A. ANSI A208.1 – Particleboard, Mat-Formed Wood.
- B. ANSI A208.2 – Medium Density Fiberboard for Interior Use.
- C. ASTM D 1037 – Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials.
- D. ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data.

Specifier Notes: Delete samples if not required.

- C. Samples: Submit manufacturer's samples, minimum 2 inches by 7 inches.
- D. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- E. Material Certifications: Submit material certifications.
- F. Warranty: Submit manufacturer's standard warranty.

1.5 QUALITY ASSURANCE

- A. Manufacturer's Qualifications: Manufacturer regularly engaged, for preceding 20 years, in manufacture of bendable architectural woodwork materials of similar type to that specified.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage:
 - 1. Store materials in clean, dry area indoors in and away from direct contact with the floor to allow for air circulation.
 - 2. Store materials on flat, level surface with adequate support to prevent sagging.
- C. Conditioning: Condition materials to final environment for 48 to 72 hours before installation and finishing.
- D. Handling: Protect materials during handling and installation to prevent damage.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Kerfkore Company, 2630 Sidney Lanier Dr., Brunswick, GA., 31525. Phone (800)–637-3539, Fax (912)-262-9763. Email: info@kerfkore.com. Website: www.kerfkore.com.

2.2 Products

- A. Kerfkore Foamkore
 - 1. Material:

Specifier Notes: Specify Core Type.

- a. Core: [Extruded Blue Polystyrene (XPF)], [Expanded White Polystyrene (EPF), only available with .080 Hardboard face].

Specifier Notes: Specify Face Type.

- b. Face: [.080 Hardboard], [.125 Fiberboard], [.125 Luan Plywood], [.125 Poplar Plywood], [.1875 Birch Plywood]

Specifier Notes: Specify panel thickness.

- 2. Panel Thickness:
 - a. [3/4 inch Standard]
 - b. [1 inch]
 - c. [1-1/2 inch]
 - d. [other/specify]

Specifier Notes: Specify panel size.

- 3. Panel Size (Nominal):
 - a. Fiberboard face: [48 inches x 96 inches],[48 inches x 120 inches], [48 inches x 144 inches], [60 inches x 96 inches], [60 inches x 120 inches], [60 inches x 144 inches]
 - b. Hardboard face: [48 inches x 96 inches], [48 inches x 120 inches], [48 inches x 144 inches]
 - c. Luan Plywood face: [48 inches x 96 inches]
 - d. Poplar Plywood: [48 inches x 96 inches]
- 4. Physical Properties:
 - a. Flame Spread Rating, ASTM E 84: Standard Class B (2)
 - b. Weight: Between .625 – 1 lb per s/f depending on face material

- B. Kerfkore Painted Foamkore

1. Material:
 - a. Core: Extruded Blue Polystyrene (XPF)

Specifier Notes: Specify Face Type.

- b. Face: [.125 Fiberboard painted black], [.125 Fiberboard painted white], [.125 Fiberboard specified color]

Specifier Notes: Specify panel thickness.

2. Panel Thickness:
 - a. [3/4 inch Standard]
 - b. [1 inch]
 - c. [1-1/2 inch]
 - d. [other/specify]

Specifier Notes: Specify panel size.

3. Panel Size (Nominal):
 - a. 48 inches x 96 inches
 - b. 48 inches x 120 inches
 - c. 48 inches x 144 inches
4. Physical Properties:
 - a. Flame Spread Rating, ASTM E 84: Standard Class B (2)
 - b. Weight: 1 lb. per s/f

C. Kerfkore Foamkore Fire Rated

1. Material:
 - a. Core: Extruded Blue Polystyrene (XPF)
 - b. Face: .125 high density Magnesium Oxide board

Specifier Notes: Specify panel thickness.

2. Panel Thickness:
 - a. [3/4 inch Standard]
 - b. [1 inch]
 - c. [1-1/4 inch]
 - c. [1-1/2 inch]
 - d. [other/specify]
3. Panel Size (Nominal):
 - a. 48 inches x 96 inches

4. Physical Properties:
 - a. Flame Spread Rating, ASTM E 84: Standard Class A (1), Flame Spread -0, Smoke Developed Index -0
 - b. Weight: Between 1.34-1.44 lbs. per s/f depending on panel thickness

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

A. Compliance: Comply with manufacturer's product data, including product technical information, product catalog installation instructions and product carton instructions for installation.

3.02 PREPARATION

- A. Surface Preparation: [Specify applicable product preparation requirements].
- B. Comply with manufacturer's instruction on tools and methods to use for cutting and drilling panels.

Specifier Notes: Coordinate Article below with manufacturer's recommended installation details and requirements.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Finish materials on all ends and sides and ends. Factory finishing is an option.

3.04 PROTECTION

- A. Protection: Protect installed product and finish surfaces from damage during construction.

END OF SECTION

Specifier Notes: Prepare PART 3 – EXECUTION of this guide specification for the specific application of the specified Kerfkore architectural woodwork materials. Include text as required to properly specify the installation of the specific application incorporating the Kerfkore bendable panels.

END OF SECTION