

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 Kerfkore Lightweight panels.

1. Worklite™ EPS Foamkore®
2. Worklite XPS Foamkore
3. Worklite PHC Hexkore™
4. Worklite GPS Foamkore

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. **Worklite EPS Foamkore** – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of an expanded polystyrene foam core and thin face materials.
2. **Worklite XPS Foamkore** – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of an extruded polystyrene foam core and thin face materials.
3. **Worklite PHC Hexkore** - consists of a balanced, constructed paperboard honeycomb that provides a structural panel with greatly reduced weight. It consists of a kraft paperboard core with a 3/8” hexagonal cell structure and thin face materials.

4. Worklite GPS Foamkore – consists of a balanced, constructed foam board that provides a structural panel with greatly reduced weight. It consists of a graphite-enhanced polystyrene foam core and thin face materials.

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 Lightweight 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 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 30 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

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. Worklite EPS Foamkore

1. Material

Specifier Notes: Specify Core Type

- a. Core: Expanded White Polystyrene (EPS)

Specifier Notes: Specify Face Type

- b. Face: [0.080 Eucalyptus Hardboard] [0.125 Fiberboard]
[0.125 Poplar Plywood]

Specifier Notes: Specify panel thickness.

2. Panel Thickness

- a. [3/4 in Standard]
b. [1 in]
c. [1-1/2 in]
d. [other/specify]

Specifier Notes: Specify panel size

3. Panel Size (Nominal)

- a. Fiberboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in] [60 in x 96 in]
[60 in x 120 in] [60 in x 144 in]
b. Hardboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in]
c. Poplar Plywood: [48 in x 96 in]

4. Physical Properties

- a. Flame Spread Rating, ASTM E 84: Standard Class C (2) Class A (Core only)
b. Weight: Between 0.625 – 1 lb. per s/f, depending on face material.

B. Worklite XPS Foamkore

1. Material

Specifier Notes: Specify Core Type

- a. Core: Extruded Blue Polystyrene (XPS)

Specifier Notes: Specify Face Type

- b. Face: [0.080 Eucalyptus Hardboard] [0.125 Fiberboard]
[0.125 Poplar Plywood]

Specifier Notes: Specify panel thickness.

2. Panel Thickness

- a. [3/4 in Standard]
- b. [1 in]
- c. [1-1/2 in]
- d. [other/specify]

Specifier Notes: Specify panel size.

3. Panel Size (Nominal)

- a. Fiberboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in] [60 in x 96 in]
[60 in x 120 in] [60 in x 144 in]
- b. Hardboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in]
- c. Poplar Plywood: [48 in x 96 in]

4. Physical Properties

- a. Flame Spread Rating, ASTM E 84: Standard Class C (2) Class A (Core only)
- b. Weight: 1 lb. per s/f

C. Worklite PHC Hexkore

1. Material

Specifier Notes: Specify Core Type

- b. Core: Paperboard Honeycomb

Specifier Notes: Specify Face Type

- b. Face: [0.080 Eucalyptus Hardboard] [0.125 Fiberboard]
[0.125 Poplar Plywood]

Specifier Notes: Specify panel thickness.

3. Panel Thickness

- a. [3/4 in Standard]
- b. [1 in]
- c. [1-1/2 in]

Specifier Notes: Specify panel size.

3. Panel Size (Nominal)

- a. Fiberboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in] [60 in x 96 in]
[60 in x 120 in] [60 in x 144 in]
- b. Hardboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in]

c. Poplar Plywood: [48 in x 96 in]

4. Physical Properties

- a. Flame Spread Rating, ASTM E 84: Standard Class C (2)
- b. Weight: Between 0.675 – 1.5 lb. per s/f, depending on face material.

D. Worklite GPS Foamkore

1. Material

Specifier Notes: Specify Core Type

c. Core: Graphite Black Polystyrene (GPS)

Specifier Notes: Specify Face Type

b. Face: [0.080 Eucalyptus Hardboard] [0.125 Fiberboard]
[0.125 Poplar Plywood]

Specifier Notes: Specify panel thickness.

4. Panel Thickness

- a. [3/4 in Standard]
- b. [1 in]
- c. [1-1/2 in]
- d. [other/specify]

Specifier Notes: Specify panel size.

3. Panel Size (Nominal)

- a. Fiberboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in] [60 in x 96 in]
[60 in x 120 in] [60 in x 144 in]
- b. Hardboard Face: [48 in x 96 in] [48 in x 120 in] [48 in x 144 in]
- c. Poplar Plywood: [48 in x 96 in]

4. Physical Properties

- a. Flame Spread Rating, ASTM E 84: Standard Class C (2) Class A (Core only)
- b. Weight: Between 0.625 – 1 lb. per s/f, depending on face material.

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 Lightweight panels.

END OF SECTION