



WORKLITE™ SPECIFICATIONS

(Formerly Foamkore®)

PRODUCT CHARACTERISTICS

Worklite reduces material weight up to 80%* by capturing a lightweight core between two thin high-density faces, resulting in a strong lightweight panel with structural integrity. Core material is a dense closed-cell Styrofoam that provides moisture resistance, thermal performance and compressive strength. Some panels can weigh as little as 12 oz/sf while still providing a 1/8" plywood faced panel to achieve a 3/4" overall thickness. Panels can be covered with high-pressure laminates, veneers, metals and many other semirigid materials as well as stained or painted.

*Compared to conventional panels made of plywood, particle board and MDF

CORE MATERIAL OPTIONS

Standard

Foamkore EPS (Expanded Polystyrene Foam) - Closed Cell structure with a slightly lower density.

Options

Foamkore XPS (Extruded Polystyrene Foam) – Closed Cell structure consistent and uniform surface for machining.

FACE MATERIAL OPTIONS

Standard: Eucalyptus Hardboard

Options: Fiberboard
Poplar Plywood

DECORATIVE SURFACING MATERIALS

High-Pressure Laminates (vertical, post formable, standard)

Veneer

Metal

Stained

Painted

Other Similar Materials

ADHESIVE OPTIONS

1. Any contact cement recommended for use with decorative laminates or veneers should be acceptable when using a J-roller (Solvent or water-based system are both satisfactory)
2. PVA glue is also acceptable for attaching decorative surfacing material when using a press machine
[Note:](#) It is best to test on a small sample to determine how the materials will work together before proceeding.

LAMINATING PRESSURE

Contact Adhesive

Apply contact adhesive to both materials.

Use LIGHT TO MODERATE pressure when bonding the decorative surfacing material to Worklite.

Use firm hand pressure or moderate pressure with a J-roller.

PVA Glue

Apply glue to one side only, either the decorative surfacing material or the Worklite material will work. The use of PVA adhesive with a cold press is recommended.

Adequate uniform pressure should be applied.

Recommended Pressure: 10-15 PSI

Drying Time & Temperature: Use glue manufacturer's recommendations.

Note: **DO NOT** exceed 15 psi. It's best to do a test to determine what is best for the lamination material.

IMPORTANT: To maintain balance and stability, apply equal material to both sides.

FACTORY FRAME AND INTERNAL BANDING OPTIONS

Custom frames and internal bands can be added during the manufacturing process.

Materials: Solid Finger Jointed Lumber, MDF, Particleboard or Plywood

Procedure

1. Submit Drawing Showing:
 - a. Width and location of frame and interior bands
 - b. Overall panel length, width and thickness
2. May require additional information to ensure desired outcome

Due to the custom nature of this process, there may be minimum requirements along with set up charges based on size variety and quantities. Please contact Kerfkore for more information about construction and size availability.

CONDITIONING & STORAGE

Proper conditioning and storage are extremely important.

1. **IMPORTANT:** Store panels on a flat uniform surface away from direct contact with the floor. This will allow for proper air circulation.
2. Use a cover sheet to maintain uniform moisture levels. A small amount of weight is required to keep the cover sheet tight during storage.
3. When storing panels vertically, make sure there **NO** excessive weight on either side.
4. If panels are loose, place support sticks between panels to provide even air flow on both sides.

MOISTURE RESISTANCE

1. Worklite is moisture resistant in most applications.
2. The core material provides an outstanding resistance to water.
3. Moisture resistant glue is used to manufacture Worklite, leaving only the face susceptible to moisture.
4. In tests, the plywood and hardboard faces have performed extremely well.

FLAME SPREAD TEST

Test: ASTM-E84
Product: Extruded Polystyrene and Expanded Polystyrene Core
Results: Class A qualification with 5-10 Flame Spread and 60-200 Smoke Development
NOTE: Addition of the face materials must be taken into consideration for overall fire rating.

Oversized Panels

Sizes: Up to 5' X 12'

Internal Frame Options: MDF, Particle Board or Solid Finger Jointed Wood

Face Material Options: MDF (4' x 12', 5' x 12') and Hardboard (4' X 12')
 Other face materials may be available on request.

WORKLITE CLASSIFICATION AND DIMENSIONS

Item #	Core Material	Face Material	Face Thickness	Nominal Panel Size	Thickness	Weight/ Square Foot
FKW75HB08	EPS Foamkore	Hardboard	0.080"	48" x 96"	3/4"	1.0lb.
FK75HB08	XPS Foamkore	Hardboard	0.080"	48" x 96"	3/4"	1.0lb.

Additional technical information available at: www.kerfkore.com.