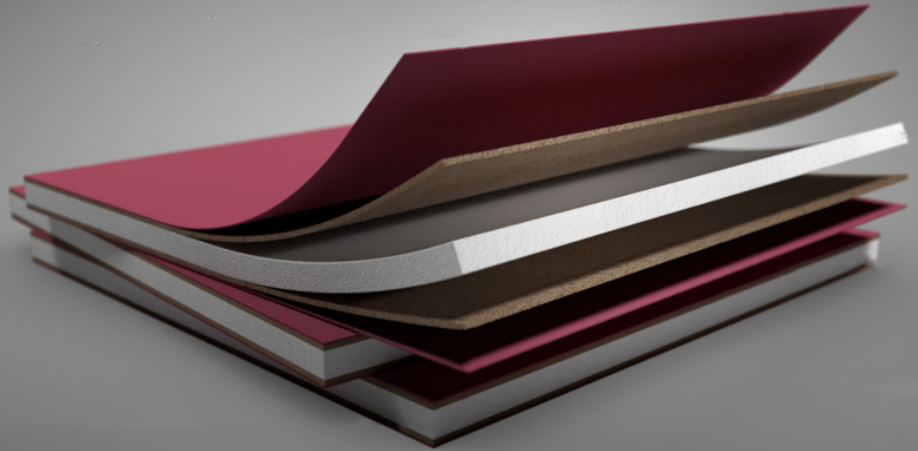


SPECIFICATION SHEET

WORKLITE®

EPS FOAMKORE®

- ✓ High Strength to Weight Ratio
- ✓ Ease of Edgebanding
- ✓ Oversized Panels
- ✓ R-Value at 4.4 per 1" Thick



MATERIALS



FACES

- Eucalyptus Hardboard
- 3-Ply Italian Poplar Plywood
- Fiberboard



CORE

EPS Foamkore
(Expanded Polystyrene)



DECORATIVE SURFACE

- High-Pressure Laminates
- Veneers
- Metal
- Leather
- Paints
- Stains
- Other Similar Materials

THICKNESS

	1/2"	5/8"	3/4" - 3"
EPS Foamkore	✓	✓	✓

NOMINAL PANEL SIZE

	48" x 96"	48" x 120"	48" x 144"	60" x 144"
EPS Foamkore	✓	✓	✓	✓

STANDARD WORKLITE EPS FOAMKORE PRODUCTS

Item #	Core Material	Face Material	Face Thickness	Nominal Panel Size	Thickness	Weight/ Square Foot
FKW75HB08	EPS Foamkore	Hardboard	0.08"	48" x 96"	3/4"	1.0lbs
FKW75FB12	EPS Foamkore	Fiberboard	1/8"	48" x 96"	3/4"	1.3lbs
FKW75PP12	EPS Foamkore	Poplar Plywood	1/8"	48" x 96"	3/4"	0.6lbs

For other thickness sizes and material options, contact us at [912.264.6496](tel:912.264.6496)

STORAGE & CONDITIONING

Proper Air Circulation – Store panels on a flat uniform surface away from direct contact with the floor.

Use a cover sheet to maintain uniform moisture levels. A small amount of weight (e.g. ¾" MDF board) is required to keep the cover sheet tight during storage.

When storing panels vertically, make sure there is NO excessive weight on either side. Keep as vertical as possible to avoid warping.

If panels are loose, place support sticks between panels to provide even air flow on both sides.

TESTING

Depending on your application, the product is a MR product. Check with us for further details on application.

Flame Spread Test

Test: ASTM- E84
Product: Expanded Polystyrene
Results: Class A Qualification with a 5-10 Flame Spread and 60-200 Smoke Development.

Note: Addition of the face materials must be taken into consideration for overall fire rating.

CUSTOM

FACTORY FRAME AND INTERNAL BANDING

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

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

Procedure

Submit drawing showing:

1. Width and location of frame and interior band
2. Overall panel length, width, and thickness

Minimum requirements and set up charges based on size variety and quantities may apply. Please contact Kerfkore for more information about construction and size availability.

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.

DECORATIVE SURFACING APPLICATION METHODS

J-ROLLER APPLICATION

Equipment Needed

- Worklite panel
- Decorative surface material
- J-Roller
- Contact cement (solvent or water-based)
 - ⓘ **DO NOT USE CONTACT ADHESIVES/PETROLEUM BASED ADHESIVES** on the foam itself.
- Sprayer, brush, or roller
- Tack cloth

Prep

1. Remove all dust and debris from panel surface

Application

1. Adhesive Application – Use a sprayer, brush, or roller to apply a medium coat of contact adhesive to both decorative and Worklite surface.
 - Tip:** Less adhesive is generally better than too much. Use a test strip to determine the correct amount of pressure and adhesive.
2. Decorative Surface Application
 - a) Use LIGHT TO MODERATE pressure with initial placement/positioning of the decorative surfacing material to Worklite.
 - b) Use firm hand pressure or moderate pressure with a J-Roller.

ⓘ To maintain balance and stability, apply equal materials to both sides.

DO NOT OVERPRESS! Over pressing can cause ridge lines and stress cracks.

Finishing

Dry Time & Temperature - Follow glue manufacturer's recommendations.

Finishing – Using a router, remove unwanted decorative surface material.

Edgebanding

There are a few ways to handle this.

- a) Use an edgebander with a 2mm or 3mm thickness as this will give the impact resistance needed due to the heat and solvent based glue slightly melting the foam. The edgebanding will adhere to the face materials.
- b) Remove or route out the foam edges and glue in a solid wooden edge if necessary to use and edgebander with traditional edgeband thickness. Kerfkore Company can provide internal perimeter framing.
- c) Use a water-based adhesive and apply edgebanding by hand. **DO NOT USE CONTACT ADHESIVES/PETROLEUM BASED ADHESIVES** on the foam itself.

DECORATIVE SURFACING APPLICATION METHODS

PRESS MACHINE APPLICATION

Equipment Needed

- Worklite panel
- Decorative surface material
- Hydraulic or vacuum press
- PVA glue
- Sprayer, brush, or roller
- Tack cloth

Prep

1. Remove all dust and debris from panel surface

Application

1. Adhesive Application – Use a sprayer, brush, or roller to apply a medium coat of PVA glue to either the decorative or Worklite surface.

Tip: Less adhesive is generally better than too much. Use a test strip to determine the correct amount of pressure and adhesive.

2. Decorative Surface Application

Place Worklite product with decorative surface in the press.

Recommended Uniform Pressure: 8-10 PSI

Exceeding pressure recommendations can affect panel's performance.

 To maintain balance and stability, apply equal materials to both sides.

Finishing

Dry Time & Temperature - Follow glue manufacturer's recommendations.

Finishing – Using a router, remove unwanted decorative surface material.

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