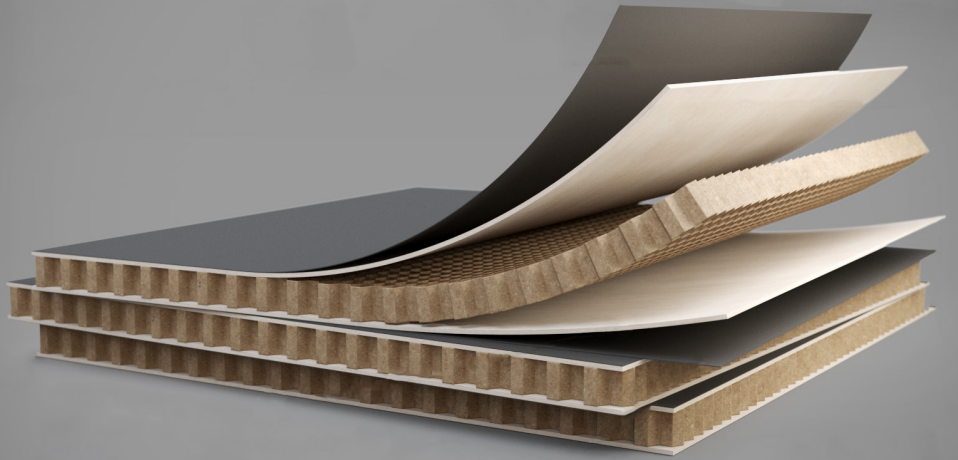


SPECIFICATION SHEET

WORKLITE®

PHC HEXKORE™



- ✓ High Strength to Weight Ratio
- ✓ 3/8" Hex Cell Structure
- ✓ Oversized Panels
- ✓ Edgeband Ready
- ✓ Sustainable Certified Forest Product

MATERIALS



FACES

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



CORE

PHC Hexkore
(Paperboard Honeycomb)



DECORATIVE SURFACE

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

THICKNESS

	3/4"	1"	1 1/2"
PHC Hexkore	✓	✓	✓

NOMINAL PANEL SIZE

	48" x 96"	48" x 120"	48" x 144"	60" x 144"
PHC Hexkore	✓	✓	✓	✓

STANDARD WORKLITE PHC HEXKORE PRODUCTS

Item #	Core Material	Face Material	Face Thickness	Nominal Panel Size	Thickness	Weight/ Square Foot
HK75HB08	PHC Hexkore	Hardboard	0.08"	48" x 96"	11/16"	1.1lbs
HK75FB12	PHC Hexkore	Fiberboard	1/8"	48" x 96"	3/4"	1.4lbs
HK75PP12	PHC Hexkore	Poplar Plywood	1/8"	48" x 96"	3/4"	0.7lbs

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

Cannot be used in wet applications.

Flame Spread Test - PHC Hexkore is not Fire Resistant.

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)
- 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.

i 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

Worklite PHC Hexkore can be edgebanded with an edgebander as any typical wood product.

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.

Edgebanding

Worklite PHC Hexkore can be edgebanded with an edgebander as any typical wood product.