

SPECIFICATION SHEET

KERFKORE®

- ✓ Dynamic Bending Radius 3 1/2"
- ✓ Stable Base Layer
- ✓ Laminate Flat, Then Form
- ✓ Edgeband Ready



MATERIALS



FACING

LTX Black Flexible Backer



CORES

- Standard Particleboard
- MDF
- Plywood



DECORATIVE SURFACE

- High-Pressure Laminates
- Two-Ply Veneer
- Phenolic Backed Veneer
- 20mil Paper Backed Veneer
- Metal
- Leather
- Other Similar Materials

STORAGE & HANDLING

Proper Air Circulation – Store flat with black side facing up in a dry area away from direct contact with the floor.

Handling – When rolling into a coil, keep the black side facing out.

To prevent pinching, keep fingers clear of grooves.

Temperature Conditioning - Acclimate Kerfkore to the same environment as the decorative surfacing materials. Two to three days recommended for conditioning. Use guidelines recommended by the decorative surfacing manufacturer.

Note: During handling, creasing may occur if Kerfkore is bent towards the black side. This will not cause telegraphing on the finished product.

TESTING

Cannot be used in wet applications.

Impact Resistance - Approximately the same as unkerfed core material. **Flame**

Spread Test - Call 912-264-6496 for additional information.

BEND TYPE (RIB DIRECTION)



48" x 96"
Column Bend

96" x 48"
Barrel Bend



DECORATIVE SURFACING APPLICATION METHODS

J-ROLLER APPLICATION

Equipment Needed

- Kerfkore panel
- Decorative surface material
- J-Roller
- Contact cement (solvent or water-based)
 - ⓘ **DO NOT USE RIGID SETTING ADHESIVES** (i.e. PVAC, hot melt glue, epoxy, etc.)
- 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 Kerfkore 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 Kerfkore.
 - b) Use firm hand pressure or moderate pressure with a J-Roller.

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.

Note: If edgebanding by hand, use contact adhesive. If using an edgebanding machine, use PVA glue.

Forming

- a) **Framework Attachment** - Bend Kerfkore to desired shape and attach to framework.
- b) **Rigid / Free-Standing Part** - Attach a backing sheet to the rib side to lock Kerfkore into desired shape. Use PVA or wood glue. For maximum consistency and uniformity, use a vacuum forming process.

Note: Maximum Bending Radius is directly related to the flexibility of decorative surface material. While a smaller radius may be obtainable, it is best to test before proceeding.

- ⓘ Surfacing materials become more brittle when cold. Always condition decorative surfaces to the manufacturer's recommended temperature prior to bending.

DECORATIVE SURFACING APPLICATION METHODS

PRESS MACHINE APPLICATION

Equipment Needed

- Kerfkore 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 Kerfkore 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 Kerfkore product with decorative surface in the press.

Recommended Uniform Pressure: 30-35 PSI

Exceeding pressure recommendation can affect flexibility and bending radius.

Finishing

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

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

Note: If edgebanding by hand, use contact adhesive. If using an edgebanding machine, use PVA glue.

Forming

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