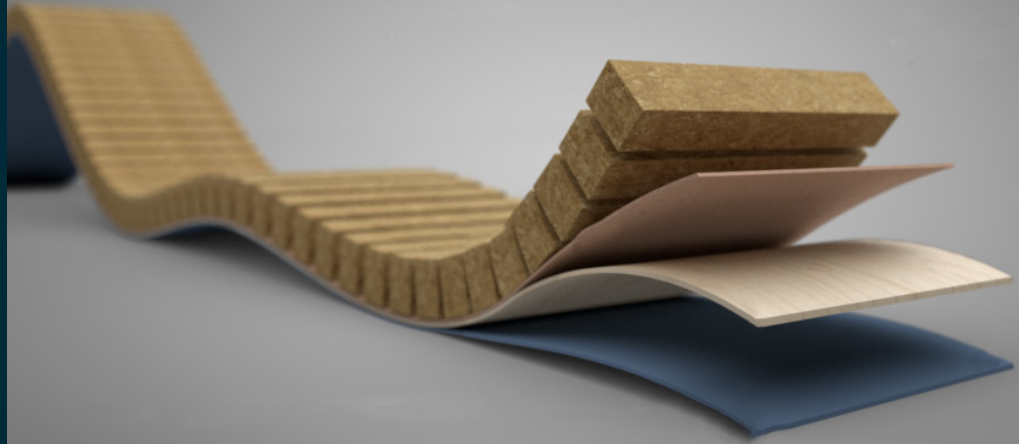


SPECIFICATION SHEET

TIMBERFLEX

- ✓ Flex Bending Radius 5"
- ✓ Stable Base Layer
- ✓ Form First, Then Laminate
- ✓ Edgeband Ready



MATERIALS





FACING

3-Ply Italian Poplar Plywood



CORES


- Standard Particleboard
- MDF
- Plywood
- Italian Poplar Plywood
- Fire Rated Particleboard 
- NAUF Particleboard 




DECORATIVE SURFACE

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

THICKNESS

	1/2"	5/8"	3/4"
Particleboard	✓	✓	✓
Plywood	✓	✓	✓
MDF	✓	✓	✓
Italian Poplar Plywood	✓	✓	✓
NAUF Particleboard 			✓

NOMINAL PANEL SIZE

	48" x 96"	96" x 48"
Particleboard	✓	✓
Plywood	✓	✓
MDF	✓	✓
Italian Poplar Plywood	✓	✓
NAUF Particleboard 	✓	✓

STANDARD TIMBERFLEX PRODUCTS

Item #	Core Material	Nominal Panel Size	Thickness	Weight/Square Foot
TF50PB	Particleboard	48" x 96"	1/2"	1.8lbs
TF50PBX	Particleboard	96" x 48"	1/2"	1.8lbs
TF62PB	Particleboard	48" x 96"	5/8"	2.3lbs
TF62PBX	Particleboard	96" x 48"	5/8"	2.3lbs
TF75PB	Particleboard	48" x 96"	3/4"	2.8lbs
TF75PBX	Particleboard	96" x 48"	3/4"	2.8lbs

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

STORAGE & HANDLING

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

To prevent pinching, keep fingers clear of grooves.

Temperature Conditioning - Acclimate Timberflex 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: Do not over flex the material or bend past the recommended radius when handling.

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

BEND TYPE (RIB DIRECTION)



48" x 96"

Column Bend



96" x 48"

Barrel Bend

DECORATIVE SURFACING APPLICATION METHODS

J-ROLLER APPLICATION

Equipment Needed

- Timberflex 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

Forming

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

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

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 Timberflex 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 Timberflex.
 - 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.