

 **KERFKORE**
Flex Education Series
Timberflex
Column Construction

Timberflex Columns

For easier handling and fabricating construct half columns.

The two half columns can be attached to form a whole column.

The longer the column, the more difficult the material is to bend. May require clamping to allow glue and staples to hold sufficiently.

Timberflex is designed to bend to a 5" radius.

Step 1

Cut horizontal ribs as needed.

Recommendation: Add horizontal rib support every 15 to 18 inches.

Vertical rails should be attached the length of the column.



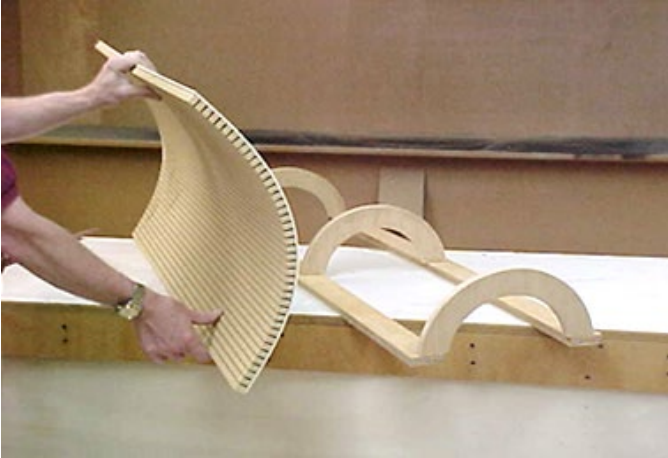
Step 2

Attach horizontal ribs using glue and staples.



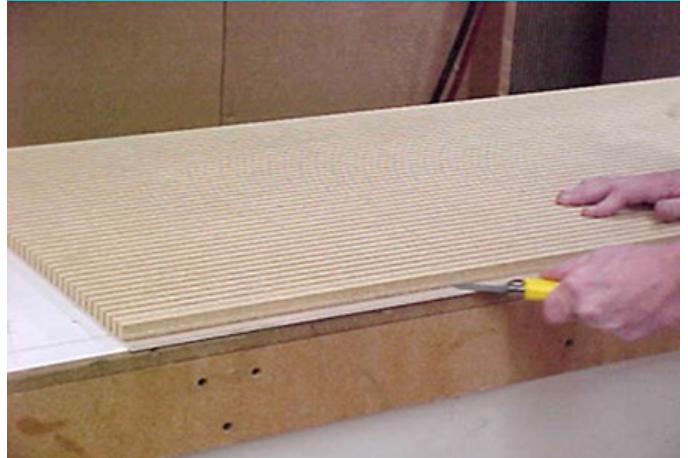
Step 3

Cut Timberflex to a size that covers the framework.



Step 4

Use a blade to remove one or two ribs. This will allow for a clean insert attachment to framework.



Step 5

Panel view after ribs have been removed.



Step 6

Apply glue to the framework.

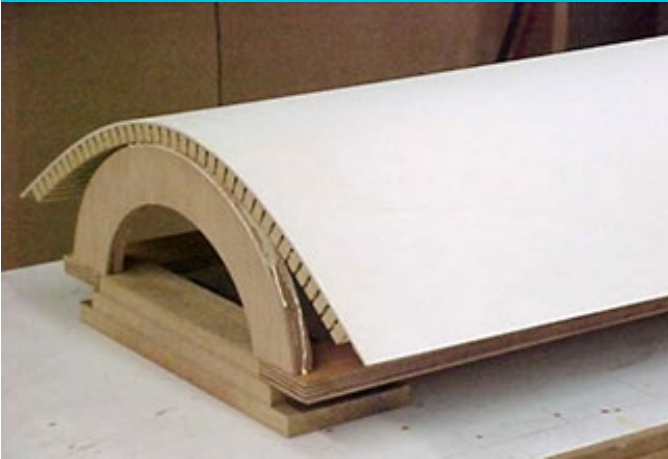


Note

In case of whole column, a spline or biscuit joint can be machined to assemble columns together.

Step 7

Position the panel over the framework. Optional: Use a rabbet or dado cut in the back of the product to help location of the product to the framework.



Step 8

Attach using a narrow crown staple by shooting through the face into the support ribs.



Step 9

Apply glue to the remaining sides.



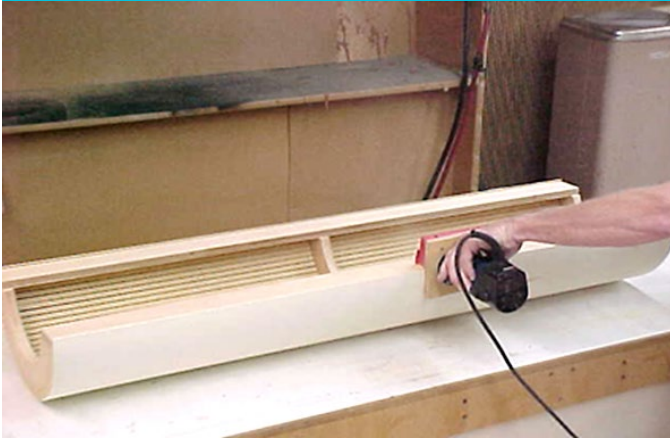
Step 10

Reinforce using a staple through face of material to framework.
Tip: Clamp part in place when shooting staples.



Step 11

Once the column is formed, remove excess face material.



Timberflex Laminating

Step 1

Apply contact adhesive to column face.



Step 2

Apply contact adhesive to face material.



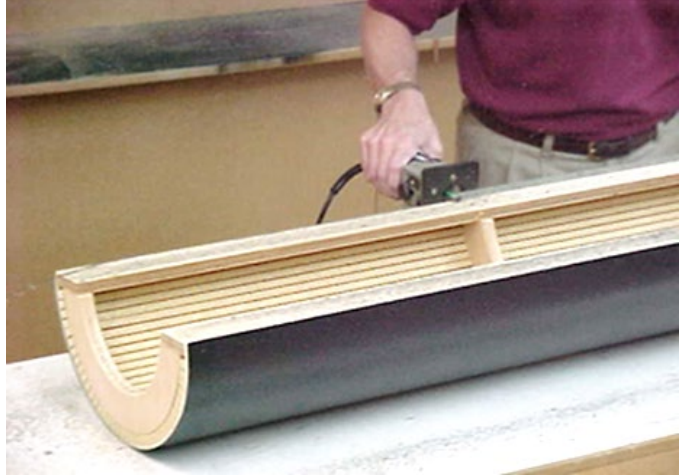
Step 3

Apply the face material and use a J-Roller to smooth all areas to ensure attachment.



Step 4

Use a router to remove excess material. Use a file or sandpaper to smooth the rough edges.



Step 5

Results

