Various processes may be used to apply forming pressure: Vacuum Form, Support Ribs, Straps or Reverse Forms...

(Our example shows vacuum forms)

**Step 1**

Cut Flexboard to the desired size. Face side can be placed on inside or outside of door as needed.

**Step 2**

Back panel should match thickness or strength of the face. Back should be cut slightly oversized to allow for trimming.

**Example**

Match Flexboard and back panel over a form...

**Example Part B**

...the panel will take shape of form once glued and vacuum-pressed
Step 3
Apply PVA/Wood glue evenly to the back panel.

Step 4
Match and position Flexboard and back panel together over form and begin vacuum process. Refer to glue manufacturer instructions for time requirements.

Step 5
Use a vacuum or other press options until dry cycle is complete.

Step 6
Remove from press.
Step 7
Use a router to trim excess material from edges.

Step 8
Compound door is ready for face material application. (Sand edges for better smoothness prior to edge banding)

Flexboard Face Application
(Edge Banding)

Step 1
Select edge banding material.

Step 2
Cover material with adhesive.
Step 3
Apply adhesive to exposed edge of component. (Mask entire face to prevent glue over-spray)

Step 4
Apply edge banding. Use a router to remove excess material.

Step 5
Use sandpaper to smooth rough edges for a clean, refined finish.
Step 1
Apply contact adhesive to door face.

Step 2
Apply contact adhesive to face material.

Step 3
Position face material on door.

Step 4
Use a J-Roller to ensure even adhesion to both surfaces.

Step 5
Clean edges using a router.

Step 6
Result