

 **KERFKORE**  
Flex Education Series  
Flexboard®  
Compound Door Construction

# Flexboard® Doors

(Compound)

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

(Our example shows vacuum forms)

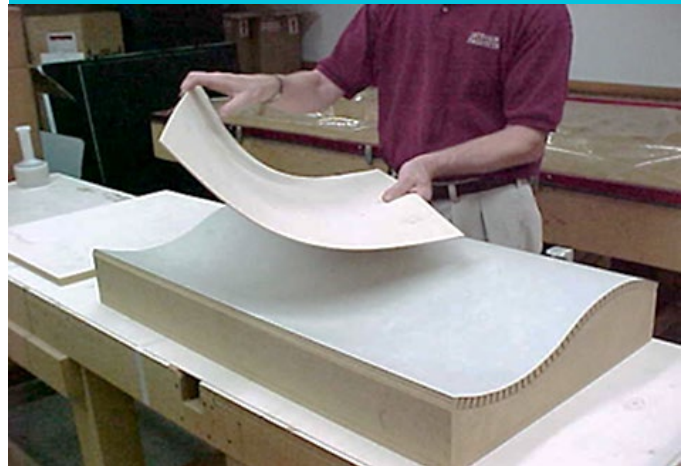
## Step 1

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



# Flexboard Back Application

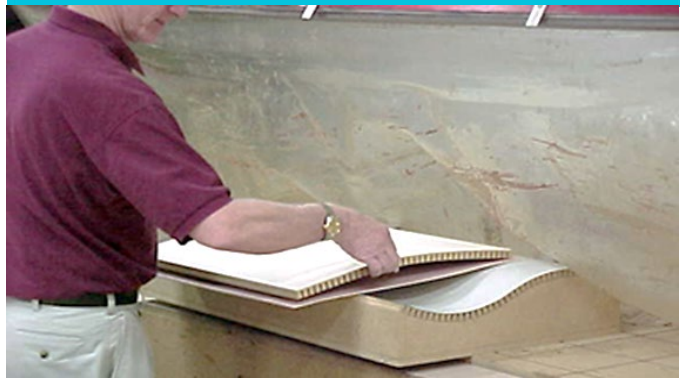
## Step 3

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.



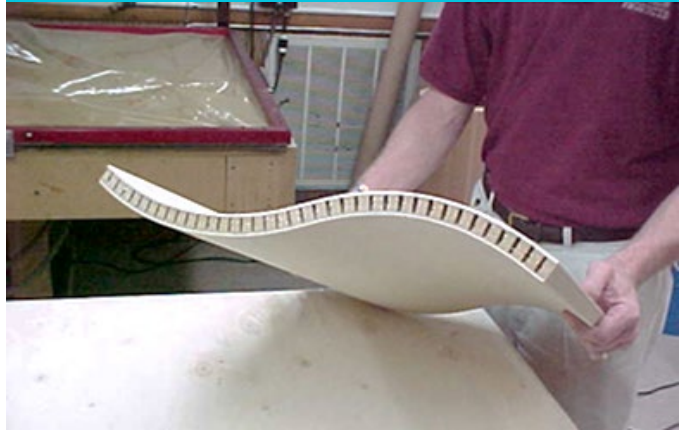
## Step 7

Use a router to trim excess material from edges.



## Step 8

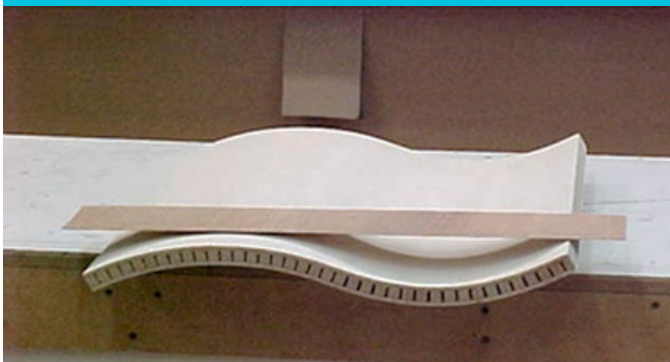
Compound door is ready for face material application. (Sand edges for better smoothness prior to edge banding)



## Flexboard Face Application (Edge Banding)

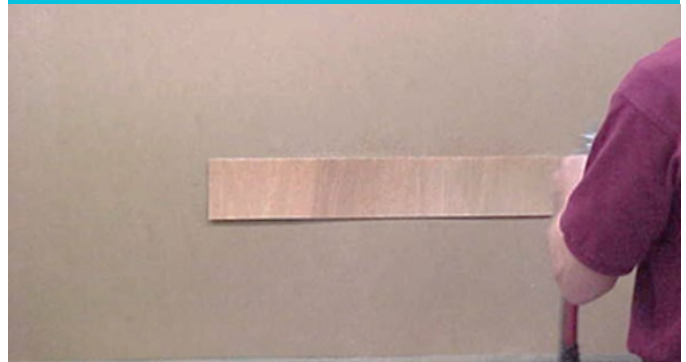
### Step 1

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.



# Flexboard Veneer Attachment

## 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

