

Mirror back panel

Measure the opening on the back of the door and trim the mirror backing panel to fit.

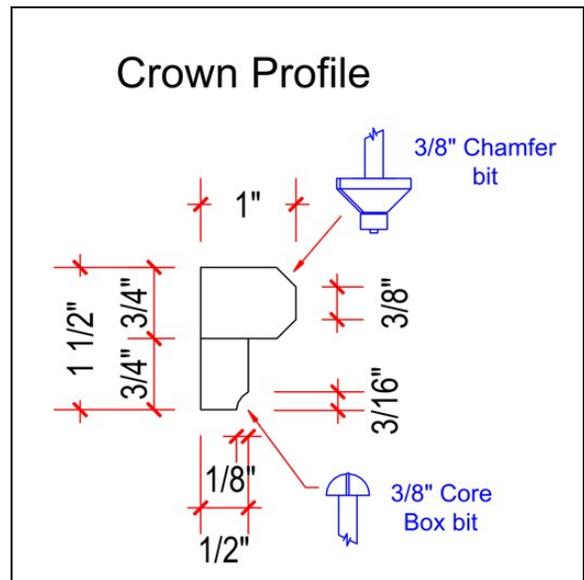
Crown moulding

The built up crown is made from two 38" strips of pine stock which are milled separately on a router table, before being glued up to make the final profile. The crown is then mitred and attached to the 3/4" plywood crown backer. The assembled unit is attached to the top of the cabinet with screws during cabinet installation.

Chamfer profile

The 1" x 3/4" upper crown strip has a chamfer milled on the top and bottom edges, leaving a 3/8" flat face. This is done with a chamfering bit in a table-mounted router.

- install the chamfering bit and set the fence in line with the roller guide. Run a test piece of 3/4" material past the bit. Flip the piece over and make the cut on the other edge. Make adjustments to the height of the bit until you get the profile you like.
- make the cuts on the front edge of your 1" x 3/4" strip.



Cove profile

The 1/2" x 3/4" lower crown strip has a small cove milled in the bottom edge. This is done with a 3/8" cove box bit in a table-mounted router.

- install the cove box bit in the router and set the bit so the bottom edge is just below the table surface.
- set the fence so it covers about two-thirds of the bit.
- run a test piece to check the cut. Adjust the fence until you get the profile you like.
- make the cut on the 1/2 x 3/4" strip with the 3/4" face against the fence.

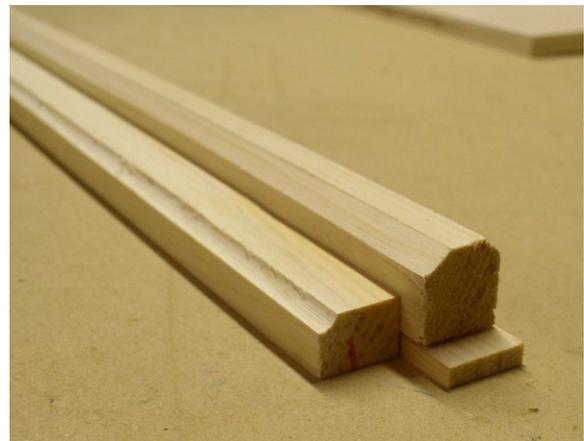


Fig. 15 - I added a 1/8" strip to increase the upper profile depth from 7/8" to 1".

Sand the individual pieces prior to gluing them together. Since there's not a lot of gluing surface you're likely to get some squeeze-out when gluing up the profile. Glue can interfere with the stain finish - you may want to stain these pieces before gluing. Alternately, you can mask the surfaces to be stained with