

Making a Silicone Mold

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This tutorial was downloaded from.

The International Association of Penturners



<http://www.penturners.org>

How To Make your own Silicone mold

Material:

2 RTV cartridges silicone (300 grams each) “standard acetic acid cure silicone caulk.” It smell like vinegar, the one you use in the Bathroom or wet area or you can use the 2 pour RTV, but more expensive. If you can't get any RTV cartridge near by just drop a line to Matt aka Gadget he might help you with some 2 pour RTV.

Clamps

Strap clamp

Wood 'Master block 'this will define the size of your casting blank

Wood frame

Glad wrap / Saran food plastic film

Wood or corian board here I use an off cut of 3m/m MDF

1 Potatoes 🥔

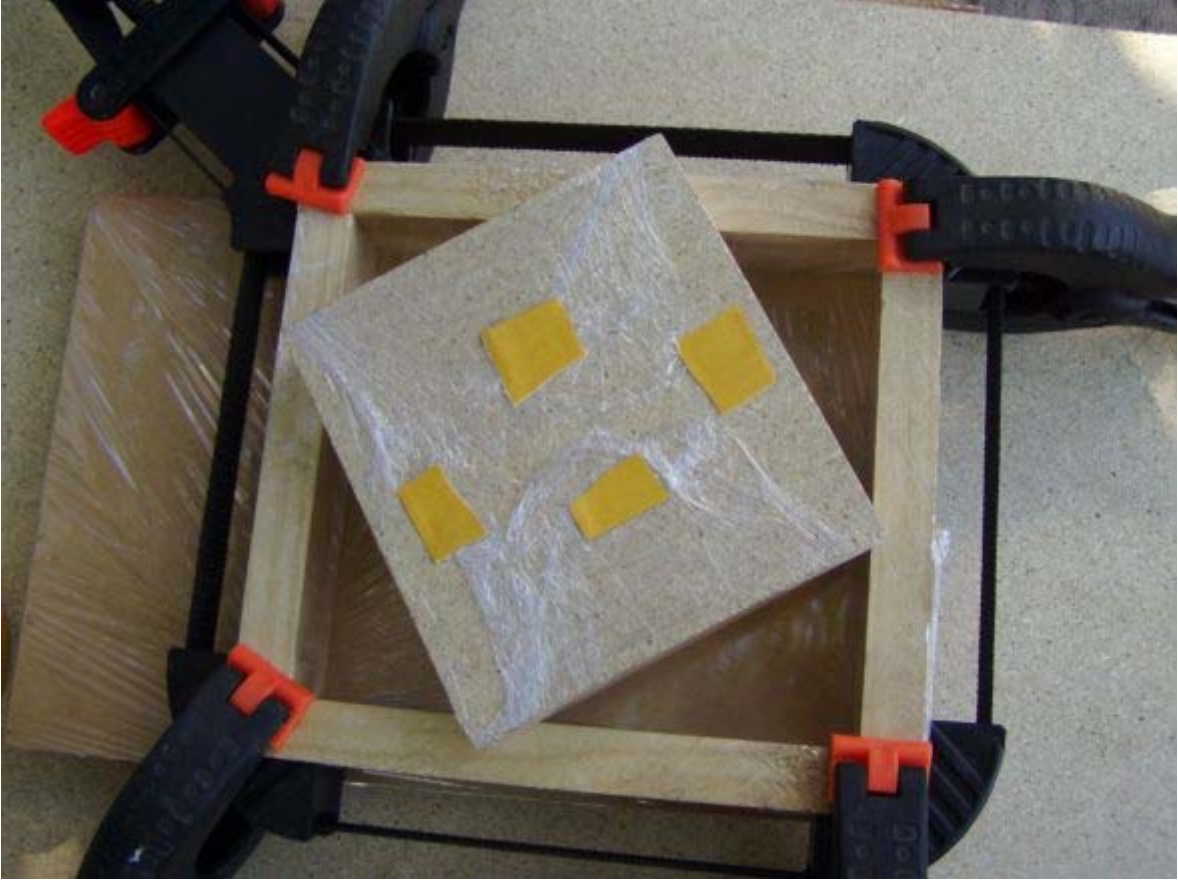


Cut all your wood to size for the frame here I'm doing a 1" mould by 5 1/4"x 5 1/2" (size of the master block) I will have then 5 blanks 1" x 5 1/4" . The wood frame is 2 length 6 1/4" x 3/4" thick x 1 1/2"high and 2 length 8 1/2" x 3/4" thick x 1 1/2"high , Wrap all your wood pieces including the 3 m/m MDF base with glad wrap (saran) then make your frame.





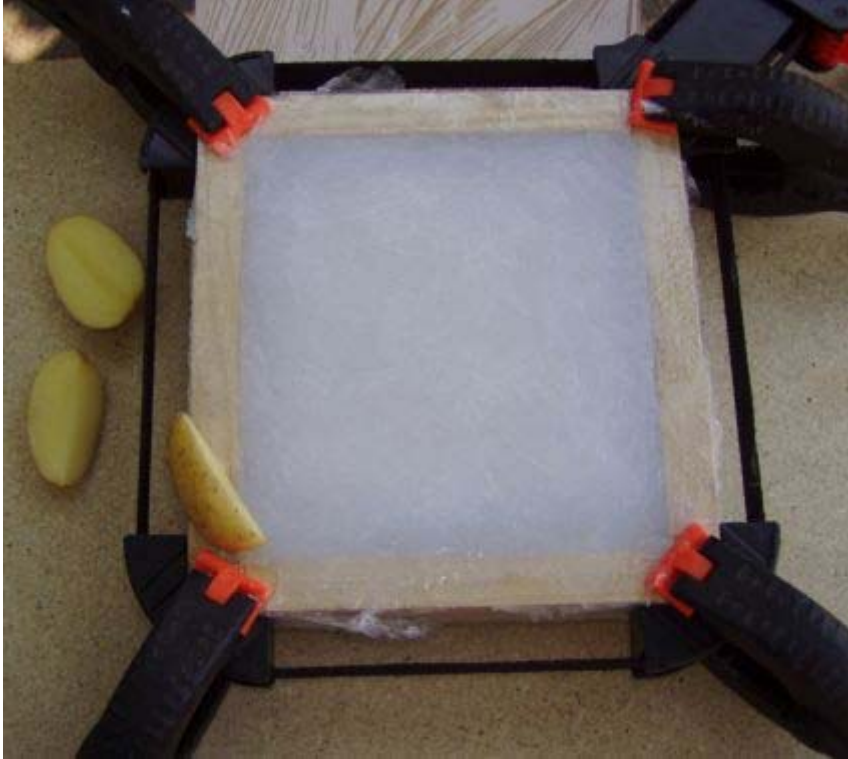
Secure the master block to the board with double side sticky tape





Cut the RTV nozzle cartridge to a wide opening and start the edges while holding the master block, make sure that the nozzle is in the silicone to prevent air bubbles, cover the top who will be the bottom of the mould and smooth the edge with the potato (silicone doesn't stick to potato starch) then cover with glad wrap to smooth the surface and let it cure 24 hours.





After 24 hours you can undo the frame and peel off each side of the mould, you have to go very easy as the silicone is still fresh and can be tear easily

Base removed (nice smooth edges)





Let cure the mould another 2 days before use, here are some of the moulds I made



Happy Molding 🍪