

candu

Creating a bangle mould

Shopping list:

1x 1L circular plastic tub	500g Pinkysil silicone
1 ceramic tile	3 tongue depressors
Plasticine	2x 215mL plastic cups
Vaseline	2x 420mL plastic cups
Masking tape	Electronic scales
Original bangle for moulding	

Instructions:

Create a mould box

Cut the bottom out of the plastic tub. Make sure it fits snugly around the bangle with $\frac{1}{2}$ -1cm clearance. If it is too large, cut down the side of the tub and curve it so that it makes a smaller circle. Tape it in the correct size. Smear the inside of the tub with vaseline.

Affix the straight side of the original bangle to the tile with a small amount of plasticine - make sure the bangle is close to the tile with not much space in between. Create a roll of plasticine to place in the middle of the bangle, leaving $\frac{1}{2}$ to 1cm clearance in the centre. Make sure the roll sits well above the bangle. Affix the roll to the tile.

Affix the plastic tub to the tile (around the bangle) with plasticine making sure you have $\frac{1}{2}$ -1cm clearance around the edge of the bangle.

Seal the tub to the tile with further plasticine, smoothing the plasticine down so that there are no gaps between the plastic tub and the tile.

Measure

Measure equal amounts by weight of part A and B of the Pinkysil in two separate small plastic cups, using the scales to check they are equal. NB: to make the correct amount of silicone, you can calculate the volume of the mould box or you can mix in 200ml graduated amounts (100ml of A and 100ml of B). Silicone will bond to silicone.

Mix

Pour both A and B into a large plastic cup and stir thoroughly with a tongue depressor or spatula for **no longer than two minutes**, until the white and pink parts have blended completely.

Pour

Pour the silicone in a steady stream in one spot into the mould box, over the bangle. Fill until the bangle is covered $\frac{1}{2}$ to 1cm above the top of the bangle. NB: You may need to mix additional amounts of silicone to achieve sufficient coverage.

Demould

Wait half an hour in moderate conditions (temperature above 20 degrees C) before demoulding. Remove the plasticine and the mould box, then lift the mould up from the tile. Remove the plasticine roll from the centre of the mould. Finally, remove the original bangle from the mould.

The mould won't fully cure for 24 hours, so make sure you wait until the next day before casting resin into your new mould.

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candu.com.au

1300 810 602

info@candu.com.au