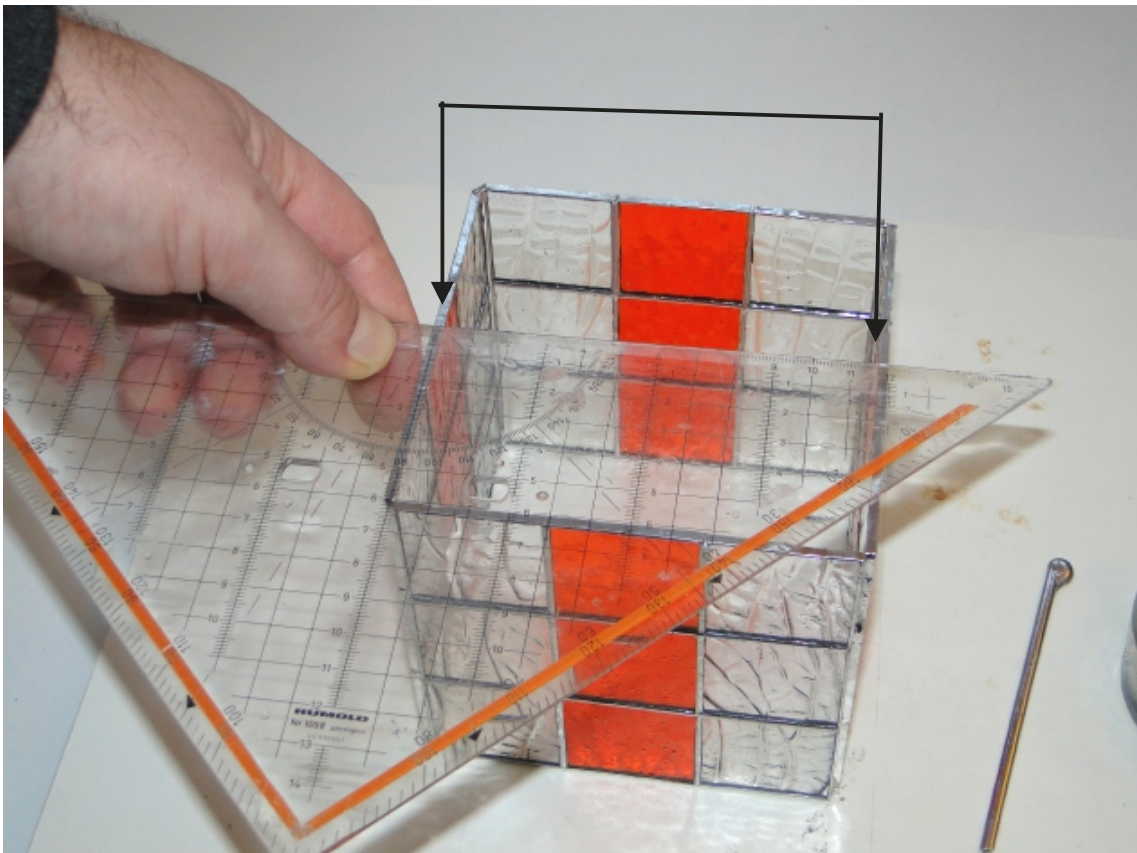


# Candle Light - Cube - Instruction

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## Candle Holder “ Cube “ Patter with STEP by STEP instruction



Candle holder “ Cube “ ca. 12 x 12 x 12 cm ( 4.5" x 4.5" x 4.5" )

Material for one candle holder:

- textured glass in clear
- 1 colored cathedral glass
- mirror for the bottom
- 
- 



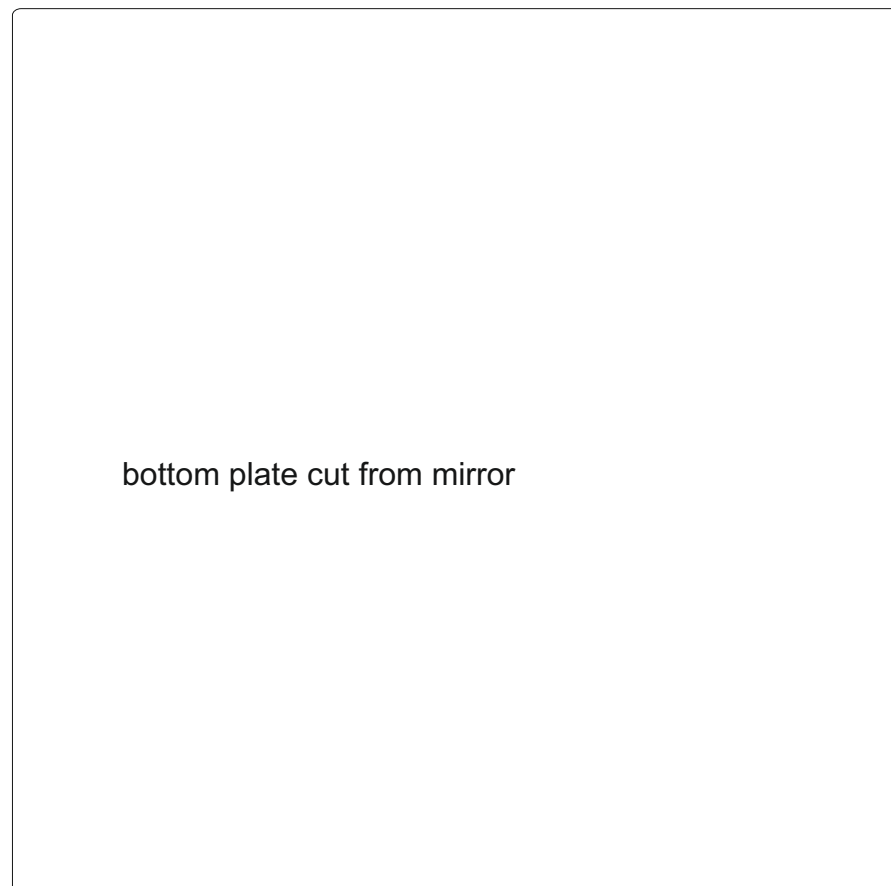
Here used glasses:

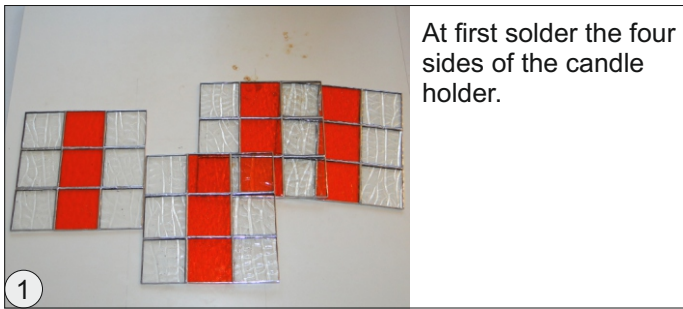
- Spectrum 100 CZ, clear
- Spectrum 171 RR, orange

pattern in original size

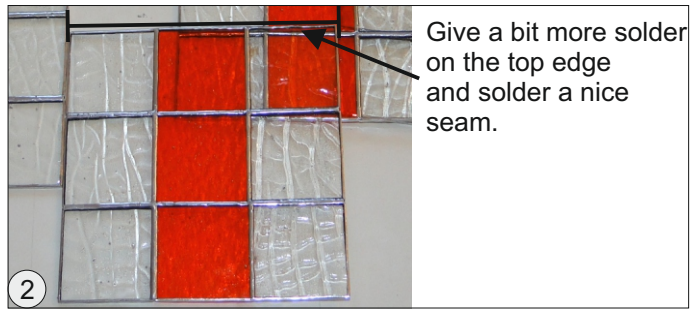
	38 mm x 38 mm 1,5" x 1,5"	

In total you need 36 pieces of glass of 38 mm x 38 mm ( 1,5" x 1,5" )

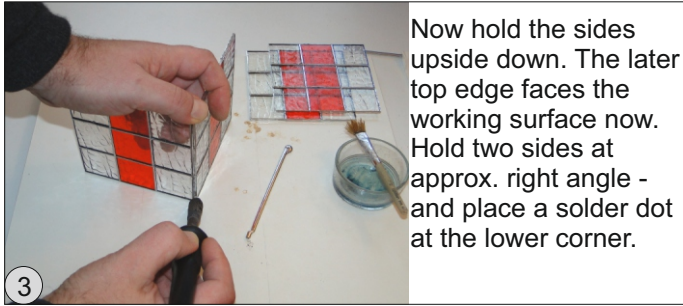




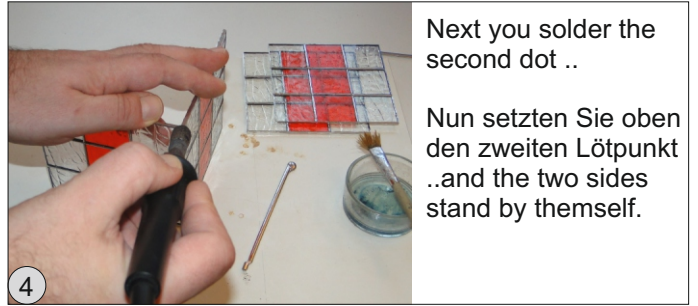
At first solder the four sides of the candle holder.



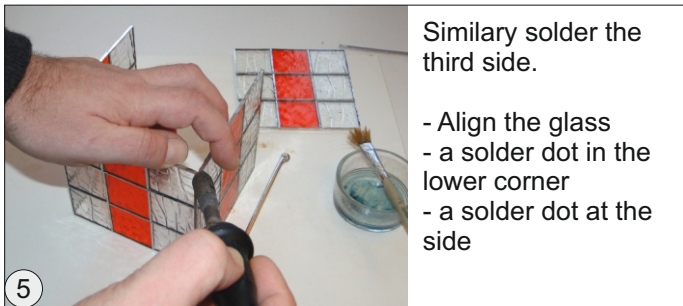
Give a bit more solder on the top edge and solder a nice seam.



Now hold the sides upside down. The later top edge faces the working surface now. Hold two sides at approx. right angle - and place a solder dot at the lower corner.

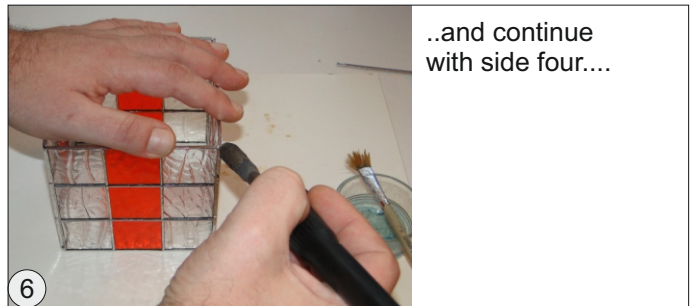


Next you solder the second dot ..  
Nun setzten Sie oben den zweiten Lötunkt ..and the two sides stand by themself.



Similarly solder the third side.

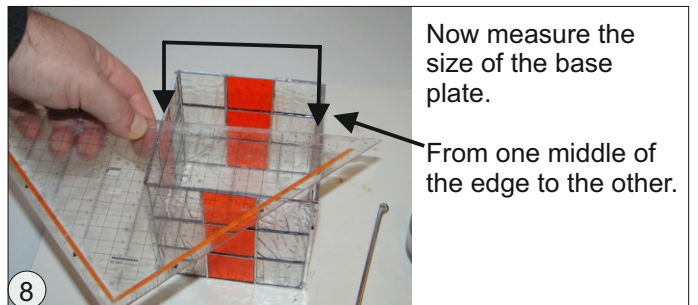
- Align the glass
- a solder dot in the lower corner
- a solder dot at the side



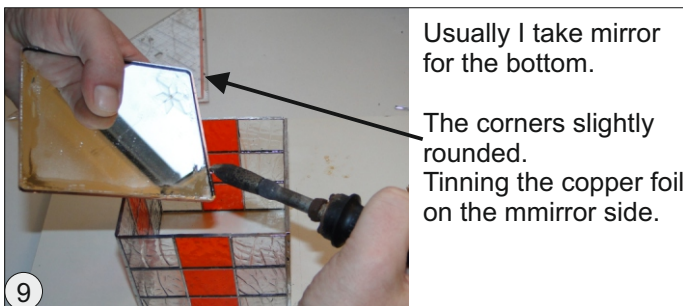
..and continue with side four....



The construction is not yet very stable, but holds well.

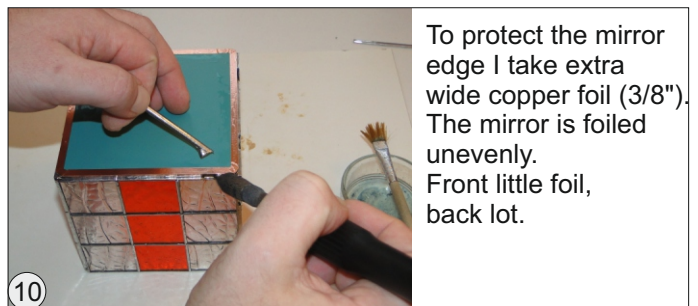


Now measure the size of the base plate.  
From one middle of the edge to the other.

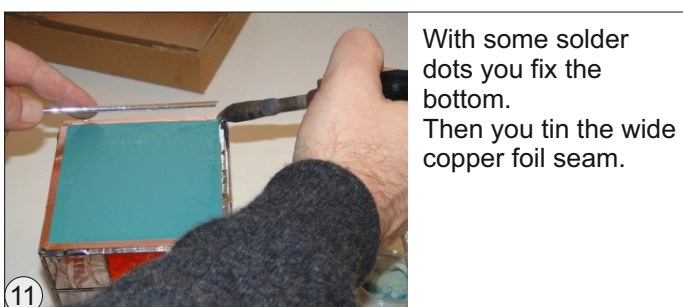


Usually I take mirror for the bottom.

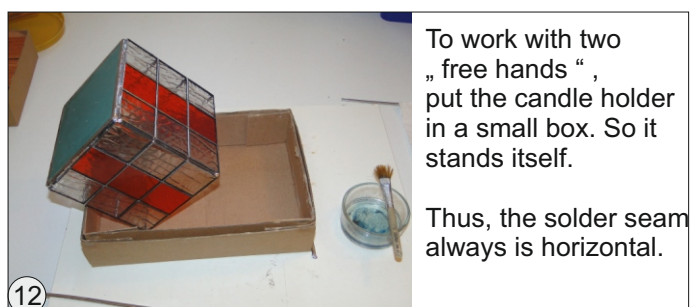
The corners slightly rounded.  
Tinning the copper foil on the mirror side.



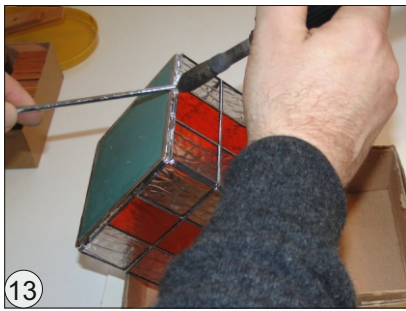
To protect the mirror edge I take extra wide copper foil (3/8"). The mirror is foiled unevenly. Front little foil, back lot.



With some solder dots you fix the bottom.  
Then you tin the wide copper foil seam.

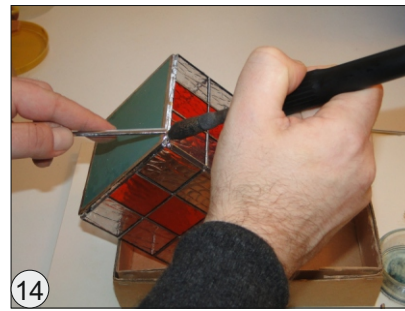


To work with two „ free hands “ , put the candle holder in a small box. So it stands itself.  
Thus, the solder seam always is horizontal.



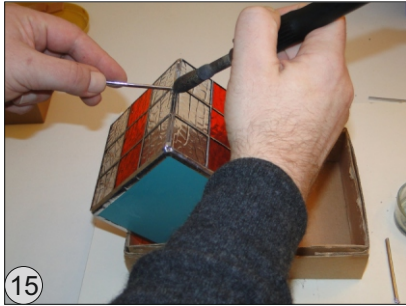
First fill the edges with a little solder.

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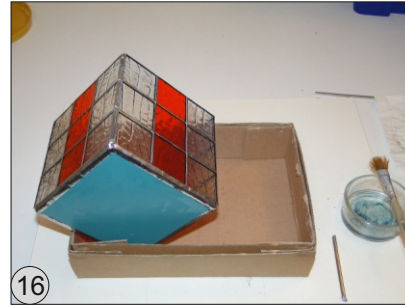
Then with a little more solder you solder a clean and uniform seam..

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That's how you do seam by seam..

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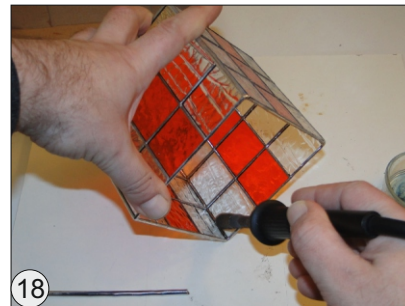
Since the glass object is free in the box, you will always have both hands free to hold the solder and soldering iron.  
- very handy

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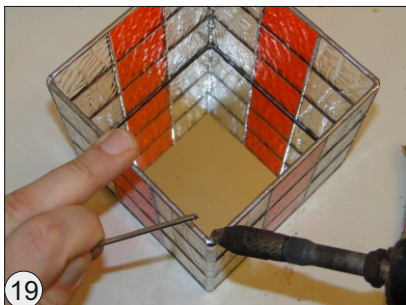
The corners at the bottom you can close now with a small solder drop..  
For larger candle holders leave the corners open - for a better ventilation !

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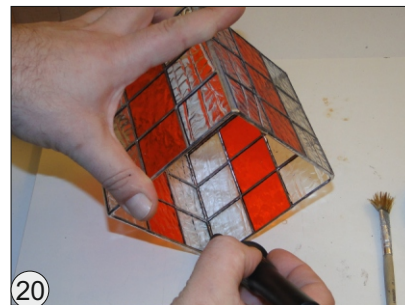
Now solder the edges inward.

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A little tin on the top corners..

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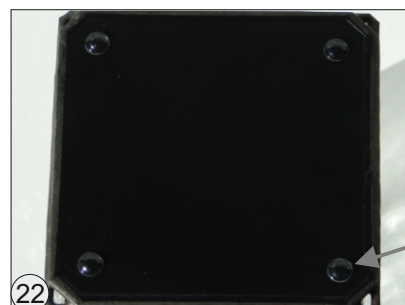
Final control and small corrections..

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..and finished.

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..after the patina and cleaning:  
painted bottom and rubber bumps.

bumps

22

After the final cleaning of the light I recommend to paint the bottom - this looks more professional than the usual mirror coating.

The rubber bumps ensure the perfect stand even on sensitive ground.