Bordered Fluted Bowl

Creative Paradise Inc.

Materials:

- GM254 Large Fluted Shelf Ring
- COE96 Sheet Glass:
  - Teal Green Transparent
  - Steel Blue Transparent
  - Standard Thickness Clear
- Suitable Glass Separator/ZYP
- Glass Cutting Supplies
  (Circle Cutter and Running Pliers)
- Craft Foam or Other Soft Surface
- Kiln Shelf Paper

Step 1:

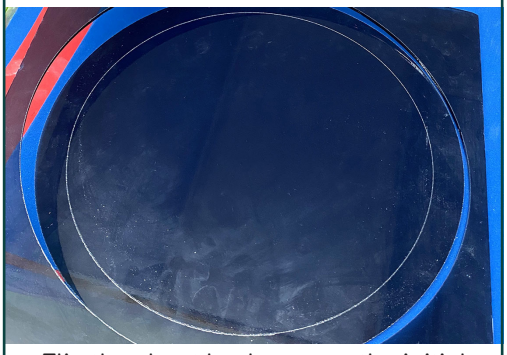
Begin by cutting an 11" diameter circle of Teal Green Transparent. For the smoothest circle, always run the score completely around the circle before breaking away any glass from the outside. Set this circle aside for now.

Cut another 11" diameter circle of Steel Blue Transparent. Leave the Circle Cutter's suction cup in the center of the scored 11" circle and move the cutting head of the Circle Cutter inwards by 1.25" and score the glass to create a 9.75" circle within the 11" circle.

Step 2:

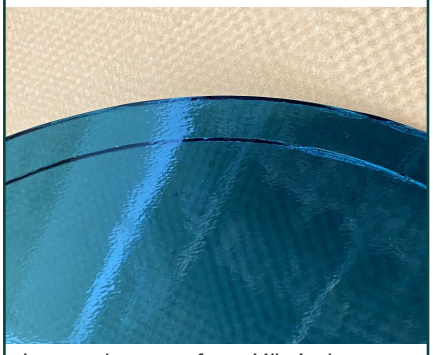
Flip the glass over onto a sheet of Craft Foam or other soft surface so the scores are facing downwards. Use your thumbs or the soft end of a tool handle as shown to put pressure on the back side of the score of the 11" circle. This pressure should cause the score to begin to run. Continue to run the score around the entire circumference of the scored 11" circle.

Step 3:



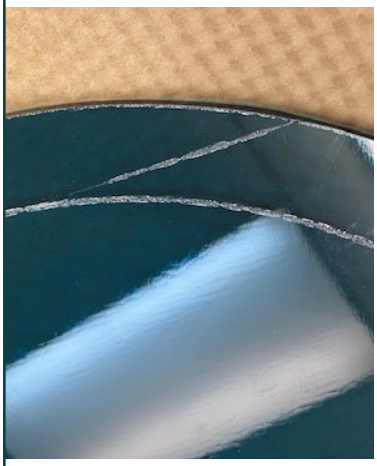
Flip the sheet back over so the initial score marks are facing upwards again and make two scores radiating out from the 11" circle to the edge of the sheet of glass. Use Running Pliers on these two scores to break the 11" circle free from the surrounding glass.

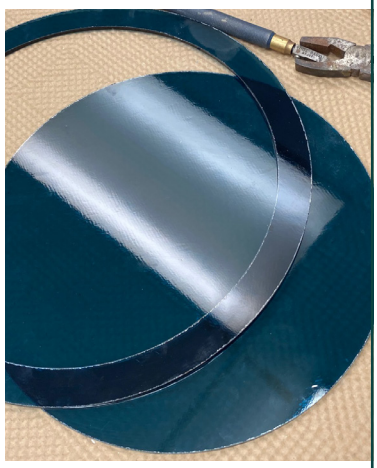
Step 4:



Invert the now free 11" circle once again onto the soft surface so the scores face downwards. Repeat the process of applying gentle pressure with either your thumbs or the soft end of a tool handle to the score around the central 9.75" circle to run the score all the way around.

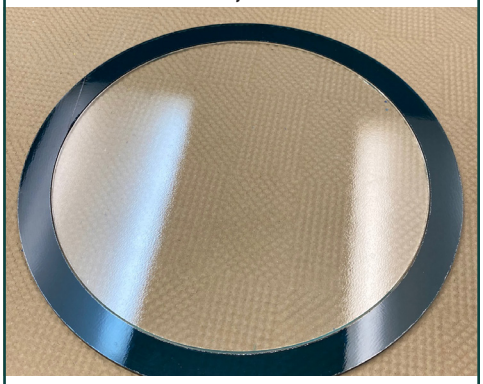
Step 5:





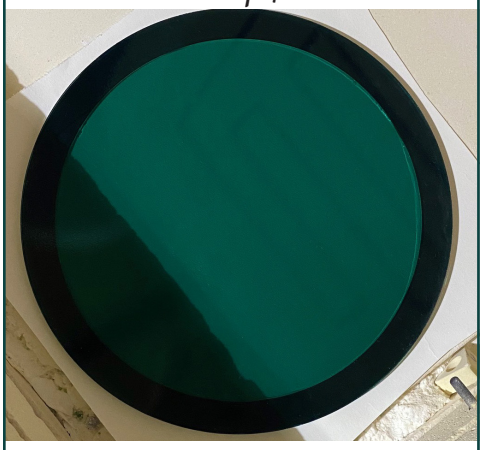
Flip the glass once more so the scores face upwards and make a single score outwards at an angle from the 9.75" circle to the outside of the 11" circle. Use Running Pliers to run this small score then use your hands to gently loosen and separate the outer ring from the 9.75" circle. Don't worry about this score mark as it will heal during the firing process.

Step 6:



Move the head of the Circle Cutter in a tiny bit from its previous position of 9.75" (moving in roughly 1/64" will work fine). Use this to cut a circle of Standard Clear.

Step 7:



Clean all the cut glass well. Place a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln then center the 11" Steel Blue ring on it. Place the Clear circle inside the Steel Blue Ring, then place the 11" Teal Green Transparent circle on top of both. Fire the glass using the suggested schedule in **Table 1** or your own favorite Full Fuse.

Step 8:

Allow the glass to cool naturally. As it cools, treat the GM254 well with suitable glass separator and allow to dry. We recommend using spray-on ZYP. If using a spray-on separator, make sure to wear a mask during application. Once the separator is dry and the glass is cool, center the primed GM254 on a level shelf in the kiln with a piece of Kiln Shelf Paper underneath the mold. The Kiln Shelf Paper should be large enough that the entire center hole of the mold is covered.

Center the glass on the mold and fire using the suggested schedule in **Table 2** or your own preferred deeper Slump schedule.

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	350	1150	60
2	50	1300	30
3	350	1465	10
4	9999	950**	90

**If using COE90, adjust this to 900°F

Table 2: Slump*

Seg.	Rate	Temp (°F)	Hold
1	275	1250	45
2	150	1300	15
3	9999	950**	90

**If using COE90, adjust this to 900°F

*Before firing, it's important to know your kiln. For tips on how to do that, please click here to see our Important Firing Notes!