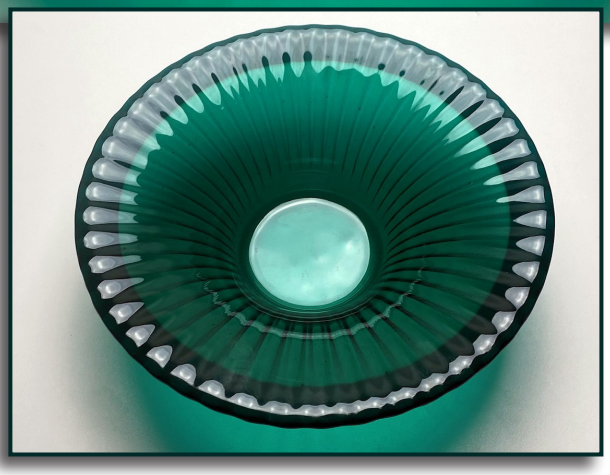
Bordered Fluted Bowl

Creative Paradise Inc.



Materials:

- 80424 Large Fluted Shelf Ring
- Fusible Compatible Sheet Glass (See Right)
- Suitable Glass Separator/ZYP
- Circle Cutter
- Running Pliers
- Glass Cutter
- Craft Foam or Similar
- Kiln Shelf Paper

Suggested Glass:*

- Sheet Glass (COE96):
  - Teal Green Trans.
  - Steel Blue Trans.
  - Standard Clear

* As long as all glass is fusible and compatible, any colors can be used with this process.

Step 1:

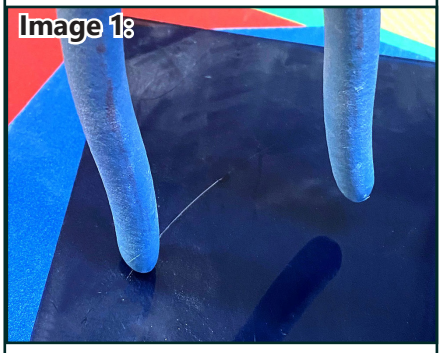
Begin by cutting an 11" diameter circle of Teal Green Transparent. For the smoothest circle, run the score completely around before breaking away any glass from the outside. Once cut, set this circle aside.

Cut an additional 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 inwards by 1.25". Score the glass again to create a 9.75" circle within the 11" circle.

Though this step does not have a separate photo, the results are most visible in **Image 2** for reference.

Step 2:

Image 1:

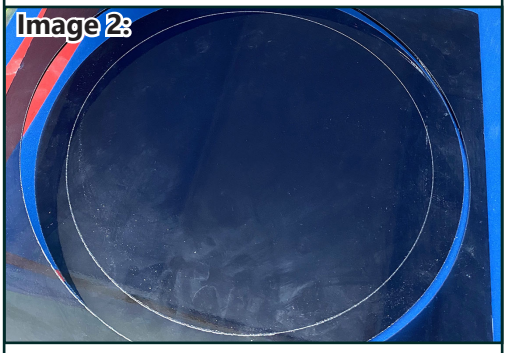


Invert the glass onto a sheet of craft foam or a similar soft surface with the scores facing downward against the surface.

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 larger 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:

Image 2:

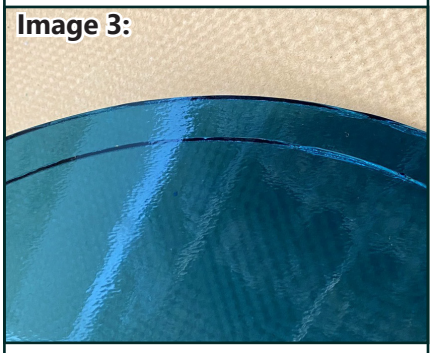


Flip the sheet over so the score marks are once again facing upwards, and make two additional scores radiating from the edge of the outer 11" circle to the edge of the sheet of glass.

Use running pliers on these two scores to break the 11" circle free from the surrounding glass.

Step 4:

Image 3:



Invert the separated 11" circle back onto the soft surface, scores facing downward.

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:

Image 4:

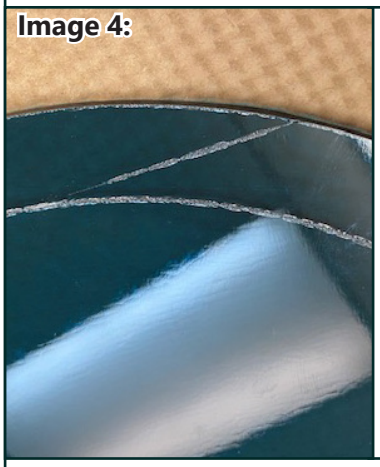
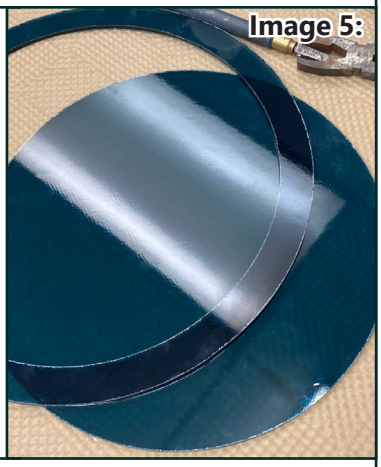


Image 5:

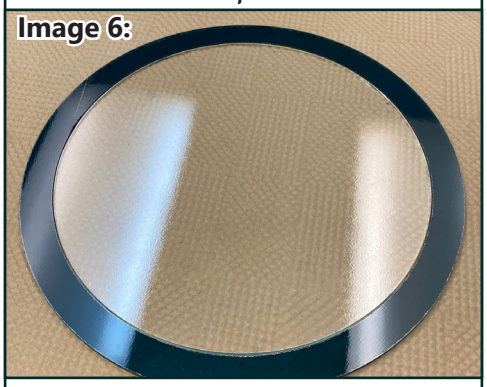


Flip the glass once more so the scores face upwards, and make a single additional score at an angle from the 9.75" circle outwards to the 11" circle.

Run this small score with running pliers, then use your hands to gently loosen and separate the outer ring from the 9.75" circle. Don't worry about the score, as it will heal during the firing process.

Step 6:

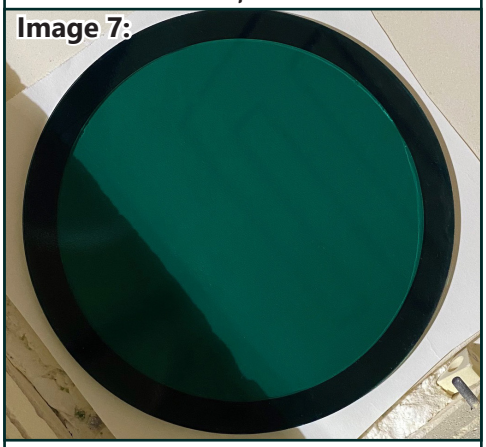
Image 6:



Move the head of the circle cutter inward a small amount from its previous position of 9.75" (moving it in by roughly 1/64" will work). Use this measurement to cut a circle of Standard Clear.

Step 7:

Image 7:



Place a suitably sized sheet of kiln shelf paper atop a level shelf in the kiln and center the 11" Steel Blue ring on it. Place the Clear circle inside the ring and then the 9.75" circle of Teal Green atop the Clear.

Once arranged, fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

Step 8:

Image 8:

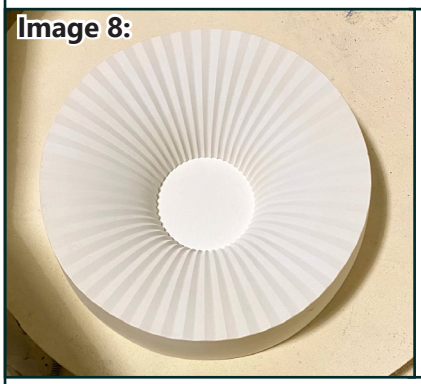
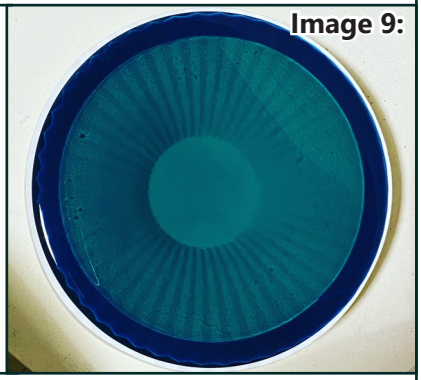


Image 9:



After fusing, allow the glass and kiln to cool down naturally. As they cool, treat the 80424 mold thoroughly with suitable separator. We recommend spray-on ZYP for best results. **If using spray-on separator, be sure to wear a mask during application**.

Center the primed 80424 atop a piece of kiln shelf paper on a level shelf in the kiln so that the paper completely fills the hole in the mold and no bare shelf is visible inside the ring (**Image 8**).

Center the fused glass atop the mold and fire using the suggested schedule in **Table 2** or your own favorite hotter 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

Table 2: Hard Slump*

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

*Before firing, it's important to know your kiln. You may need to adjust our suggested schedules.

**If using COE90, adjust these temperatures to 900°F