"Geoshroom"
Warped Grid Mushroom Cap

Materials:
- GM207 Flat Top Cap
- Fusible Compatible Glass (See Right)
- Suitable Glass Separator/ ZYP
- Glass Cutting Tools
- Marker (i.e. Sharpie)
- Liquid Hair Spray or Similar Adhesive
- Kiln Shelf Paper
- Size 14-4 Copper Butt Splice
- 1/4" Copper Tubing

Suggested Sheet Glass:
- Dark Gray/Brown (6.25" Dia. Circle)
- Bright Contrasting Color (5.25" Dia. Circle)
- Standard Clear (4.5" Dia. Circle)

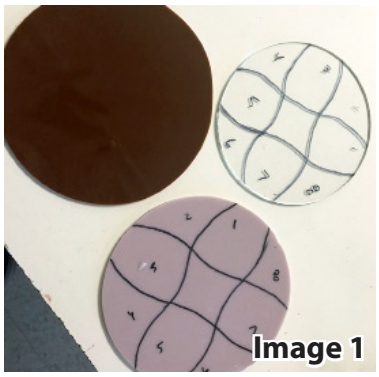


Image 1

Prepare the mold well with suitable glass separator before beginning. We recommend spray-on ZYP. **Always wear a mask when applying spray-on separator**.

Begin by cutting the appropriate circles (as shown in the "**Suggested Glass**" box above) from each of your three colors of glass. Use **Pattern 1** on **Page 2** to mark and cut the 5.25" Bright Circle into 9 pieces. Use a marker to number the pieces on both the Pattern and the glass to help keep them organized after cutting. Use **Pattern 2** on **Page 2** and repeat this with the 4.5" Clear Circle. Leave the Dark circle uncut (**Image 1**).

Image 2

Center the pieces from the Clear Circle on top of the pieces from the Bright Circle so each numbered piece is stacked with the same number from the other circle. Clean the marker from all pieces and use a drop of Liquid Hair Spray or similar adhesive to secure each stack in place (**Image 2**).

Arrange the stacked pieces in order according to the numbers on your Pattern on top of the 6.25" Dark Circle. Space each piece so there is a roughly equal amount of empty space around each (**Image 3**). Add another drop of Liquid Hair Spray/adhesive to secure each stack.

Image 3

Transfer the project onto a sheet of Kiln Shelf Paper on a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

Once the glass has fused and cooled (**Image 4**), center the fused blank atop the GM207 previously treated with separator, transfer to a level shelf in the kiln, and fire using the suggested schedule in **Table 2** or your own preferred Draping schedule.

To add a stem, use a Two-Part Epoxy to adhere a Size 14-4 Copper Butt Splice to the center of the underside of the Draped cap. Cut an 18" piece of 1/4" Copper Tubing and insert the tube into the Butt Splice once the epoxy has completely set. For more details, refer to our Basic Stemming Tutorial by clicking here.

Image 4

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	300	1150	45
2	150	1300	20
3	400	1460	10
4	9999	950**	60

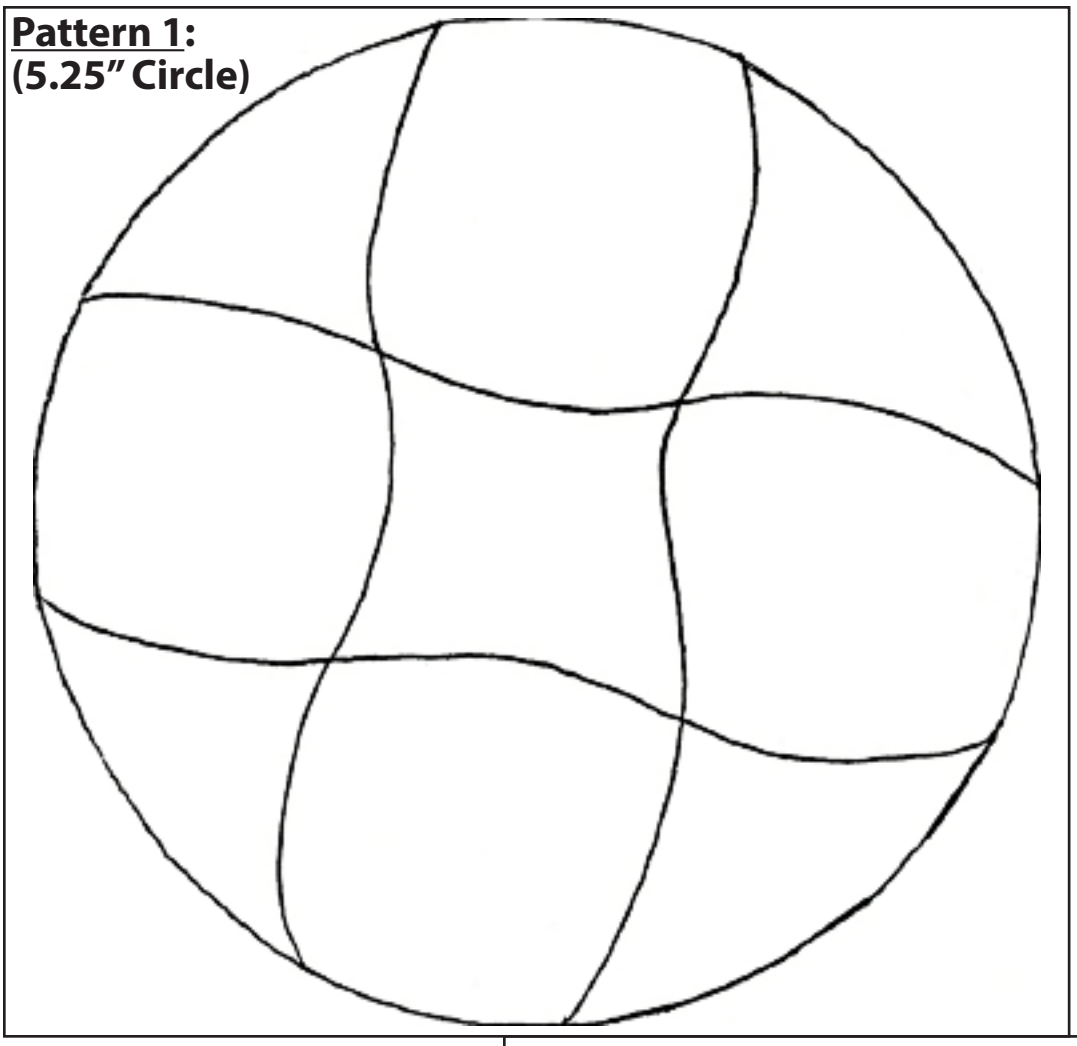
**These temperatures are for COE96. If using COE90, adjust these to 900°F

Table 2: Drape*

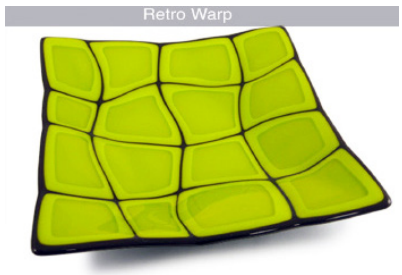
Seg.	Rate	Temp (°F)	Hold
1	250	1200	30
2	50	1250	20
3	9999	950**	90

*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!

Pattern 1:
(5.25" Circle)

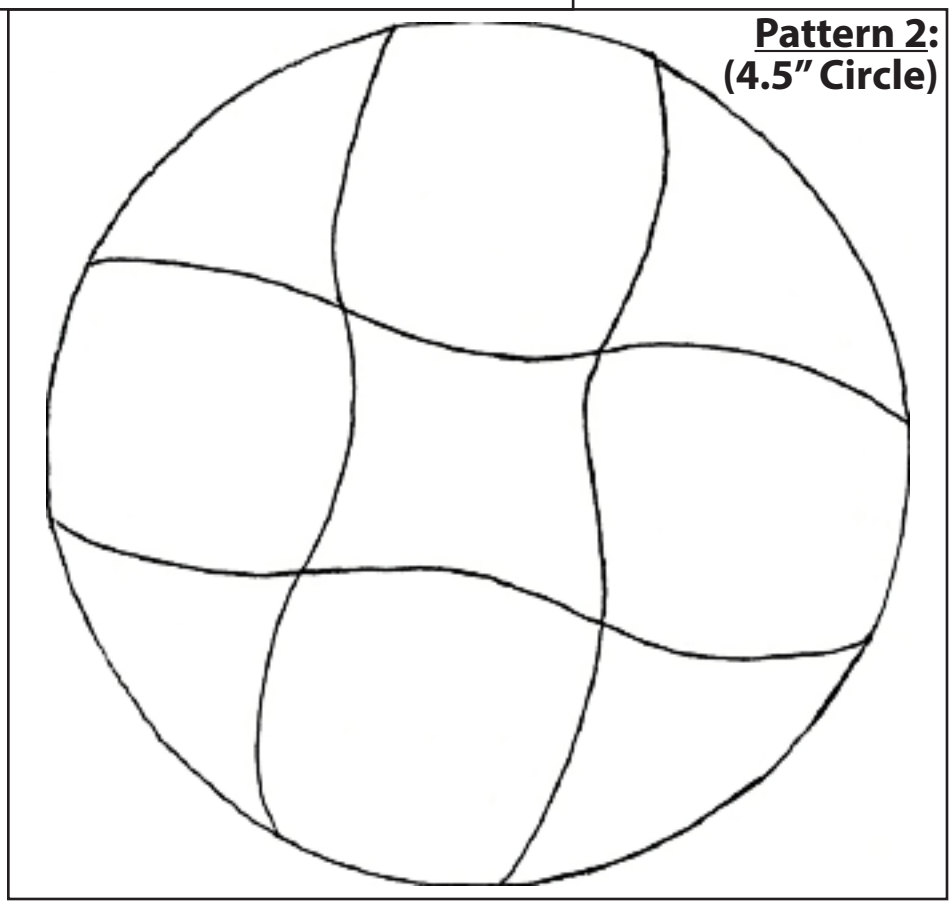


****Make sure to print at "Actual Size"/100%!****



This project was inspired by the original "Retro Warp" project written by Sara Peterson of Spectrum Glass.

Pattern 2:
(4.5" Circle)



For more information, tutorials, and molds, visit our website:
www.creativeparadiseglass.com

Creative Paradise Inc.