

Flame Stitch Slurry Bowl

Materials you will need:

- GM87 Plate Ring
- GM90 Foot Drape
- ZYP Glass Separator Spray
- Respirator Mask
- COE96 Top Circle 10" dia, Bottom Circle 6" dia.
- All COE96 Frits:
 - F1 Powder Cobalt Blue Transparent
 - F1 Powder Light Purple Transparent
 - F1 Powder Pale Blue Transparent
 - F1 Powder White Opaque
 - F3 Medium Black
- Water and a spray bottle of water
- Paper Towels
- Paper Cups/ small Mixing bowls



Top Tips

- Do your frit slurry piece on a paper towel. This project gets very messy.
- Use F1 powder frits to make the frit slurries.
- Use a paper towel to clean the edges of the mold, which may have stray bits of frit or excess Slurry.
- Remember that if frit strays or gets somewhere you don't want it to then it was just meant to be!

How to make the frit slurry mix: Wear a respirator mask to avoid inhalation of frit powder. Put the desired color of powder frit you want into a paper cup (or other mixing container). Use a spray bottle with water to spritz enough water into the container until the powdered frit is completely saturated with water and there is a bit of water residing over the top. Mix the powder frit and water with a spoon until you have a pancake batter-like consistency. This is how you will make all of the frit slurries. Do not mix different color frits together in the same cup-you will need a clean or separate cup for each water and frit mix. For a more detailed tutorial on frit slurries, [please click here.](#)

To Start:

-Cut one 10" dia circle and one 6" dia circle out of double thick clear glass. Clean the glass with a glass cleaner.

-Thoroughly treat your GM87 and GM90 Molds with a suitable glass separator such as ZYP.



Image 1

Make the Cobalt Blue slurry, Light Purple slurry, Pale Blue slurry and White slurry in their own individual containers. Start with about 2 Tbs of each color. You can make more slurries as you go along to fill the areas on the glass.

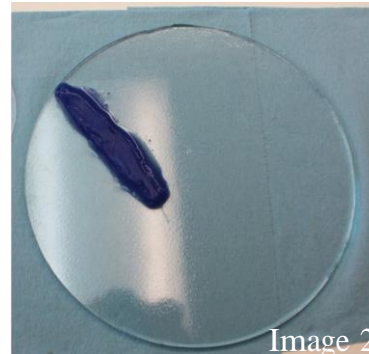


Image 2



Image 3



Image 4

Using a spoon apply Cobalt Blue in a 'Flame Stitch' pattern onto the 10" dia glass, followed by the Pale Blue slurry, White slurry, and then fill the remaining areas on the glass with Light Purple Slurry (images 2, 3 and 4). Do the same to the smaller 6" dia circle.

To smooth and spread the slurry on the glass you can spritz the slurry with water and gently vibrate the glass from side to side.

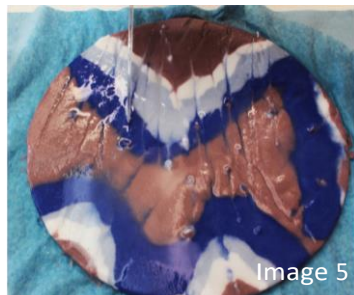


Image 5



Image 6

Use a plastic knife to gently drag one slurry color into the next (Image 5), which will help to create unique ripples and color movements when the glass fuses. Do this all around the slurry to suit your own artistic preferences. Spritz the slurries on the glass circles with water to help blend them, or you can also gently vibrate the glass from side to side. Use this same drag and blend technique on the 6" glass circle (Image 6). Wipe around the edges of the glass circles to remove any slurry that dripped over the edge. Sprinkle some F3 Medium Black frit onto the sides of both glass circles, and allow the slurries to dry before placing them in the kiln to be fused. When dry, place both circles in the kiln and fuse using the schedule in **Table 1***.



Image 7



Image 8

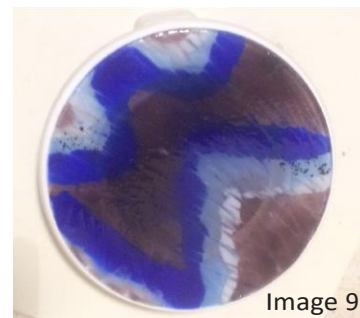


Image 9

When your slurries are fused and have cooled, place the 6" slurry circle on the center of the GM90 Foot Drape and place in a kiln (Image 7). Place the GM87 Plate Ring onto the three elevated posts of the GM90, the Plate Ring should fit perfectly (Image 8). Place the 10" slurry circle on top of the GM87 Plate Ring (Image 9). Use the Plate Ring firing schedule in **Table 2**. For an interesting effect, line up the patterns of the 6" slurry with the 10" slurry on the GM90 and GM87. As your glass fires in the kiln the 10" slurry circle will drop down through the GM87 Plate Ring onto the 6" slurry circle which is draping on the GM90 Foot Drape, creating a bowl as seen in image 10.

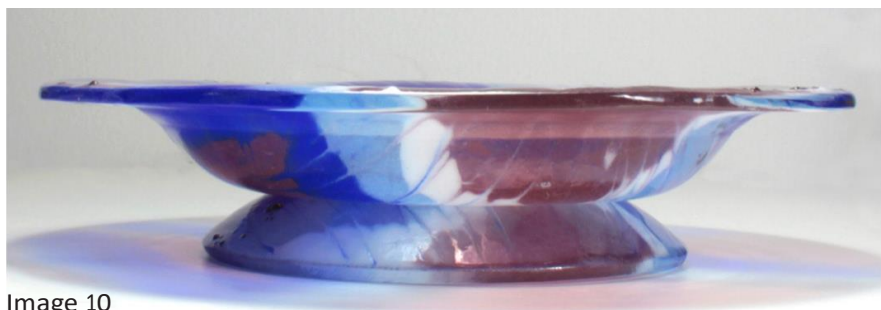


Image 10

Table 1.* Fuse Schedule			
Segment	Rate	Temp	Hold
1	150	200	30
2	250	1215	45
3	50	1250	20
4	400	1410	01
5	9999	950**	75
6	100	500	0

Table 2.* Plate and Drape Schedule			
Segment	Rate	Temp	Hold
1	275	1215	15
2	350	1290*	05
3	9999	950**	90
4	100	500	01

* Before you use our firing schedule check out our important firing notes by [clicking here](#).

**If using COE90 Glass, change this temp to 900°F