Pretty Peonies!

Creative Paradise Inc.

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Image A

Materials used:
-Boron Nitride Spray
-DT20
-GM125
COE96 Frits:
-Amazon Green Opal Fine F2
-Peacock Green Opal Fine F2
-Mauve Opal Fine F2
-Striker Turns Pink F2
-Ear Wax Remover
(to vacuum up stray Frit)
-11.5" dia Ivory Colored Sheet Glass
-11.5" dia Clear Sheet Glass

This tutorial will instruct you on how to make the glass Peony bowl as seen in image A. Begin by treating your mold with Boron Nitride glass separator spray. Hold your mold at all different angles when you spray it so that the Boron Nitride gets on and in all of the mold cavity. You can not over spray the mold. Next, start adding your desired colored frits to the mold. I used Mauve Opal Fine F2 for the Peonies with sprinklings of Striker Turns Pink F2 on top. I used Peacock Green Opal Fine F2 for the background and Amazon Green Opal Fine F2 for the leaves. Use your fingers to gently pat down the frit into each cavity. This is quite a delicate mold to add frit to so sometimes frit may stray into the wrong place, thats where the very handy ear wax vacuum comes in a treat as it gently vacuums up stray frit. But be careful not to over vacuum or you might take off some glass separator. After all your frit isadded cut a 11.5" dia circle of clear glass and a 11.5" dia circle of Ivory glass (image 2) and placed them on top of your piece (image 3 and 4), Ivory glass first, and then fuse it using the recommended firing schedule in table 1. I cut my glass circles a little smaller than the mold so that the leaves on the edges of the mold would protrude over the side. After your piece is done in the kiln (image 5) clean it off with a scrubbing brush, some soap and water and then place it in CPI mold GM125 to be slumped (image 6). You can slump it using the recommended firing schedule in Table 2. Peonies come in a wide variety of colors so when you make yours feel free to experiment and use your own colored frits! This is such a pretty piece and not hard to make at all, however I messed up on my first attempt at making this which I have explained on the next page! Learn from my mistake so you dont do the same thing!

Image 1

Image 2

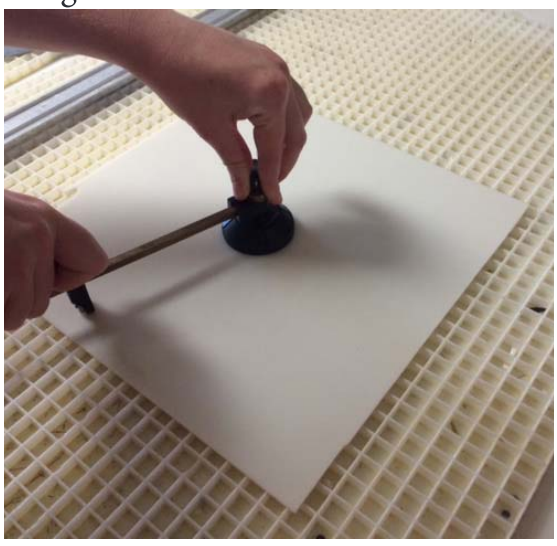

Image 3

Image 4

Image 5

Image 6

Tips:

-Make sure you spray enough Boron Nitride glass seperator on your mold.
-When cleaning off excess frit whether with a brush or an ear wax vaccum be careful not to overdo it or you will take off the glass seperator.
-When you cut the glass make sure it doesnt overlap on the edges of the mold.
- Make sure your piece has completley cooled down before you take it out of the kiln and dont leave the kiln lid completley up as both these things will cause the glass to crack.

Fun Fact: The firing and slumping schedules below are schedules that you could use for just about every project that goes to a full fuse. This is because over the years we have learned to make firing and slumping schedules that will meet the idiosincracies of a wide variety of kilns.

My first attempt at making this project turned out terrible. When I opened the kiln after firing my piece it had a big crack right down the middle. This was because I had not applied enough glass seperator- Boron Nitride. The glass had stuck to the mold causing it to crack in the fusing process. It is very important to make sure you have very liberaly applied glass separator to your mold- spray all over the mold and at all different angles.

Table 1, Fusing Schedule			
Segment	Rate	Temp	Hold
1	275	1215	45
2	50	1250	20
3	275	1330	10
4	350	1465*	05
5	9999	950	60
6	100	700	05

*Adust this temperature if your favorite full fuse schedule has a much lower peak temperature.

Table 2, Slumping Schedule			
Segment	Rate	Temp	Hold
1	275	1215	30
2	50	1250	10
3	9999	950	60
4	100	700	05