



Example 1:

DALI HEART DISH

Creative Paradise Inc.

MATERIALS:

- 80675 Mold
- Heart Dish Slump
- Suitable Glass Separator/ZYP
- COE96 Glass (See Right)
- Glass Cutting Tools
- Kiln Shelf Paper
- 1/2" Dia. Dowel Rods (Optional)
- Clear Elmer's Glue
- 1" Kiln Posts

SUGGESTED GLASS:

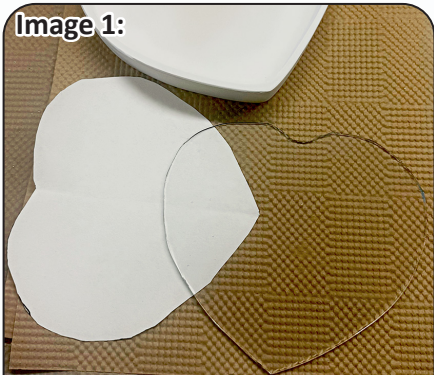
- Fine Frits:*
Mariner Blue Opal
Turquoise Blue Opal
- Sheet Glass:
Standard Thick Clear
- Other:
Red Reactive Rods

* Medium Grain frits also work, but should be covered with a layer of Fine for better color blending.

Prepare all molds well with suitable glass separator before beginning. We recommend spray-on ZYP.

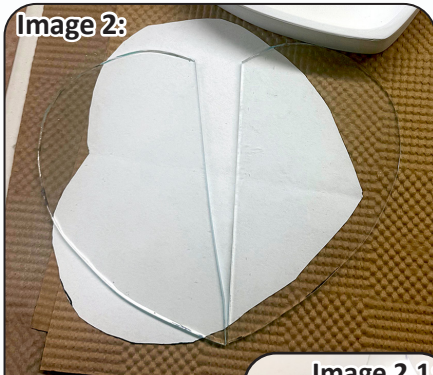
Always wear a mask when applying spray-on separator.

Image 1:



Begin by using **Pattern 1** on **Page 3** to cut out a sheet of kiln shelf paper and the base layer of Standard Thick Clear glass. Cut along the outside of the pattern line for the paper and along the inside for the glass.

Image 2:



For easier time cutting, cut the base layer out one half at a time, as it will re-fuse during firing.

Image 2.1:

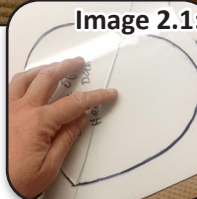


Image 3:

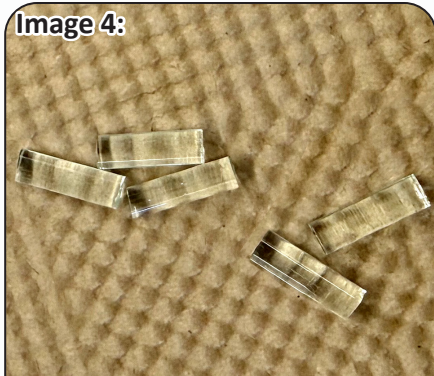


Place the kiln shelf paper in the bottom of the treated mold first, then center the base layer of glass on top.

NOTE:

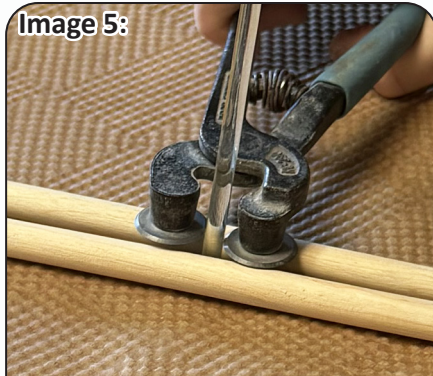
For an easier time placing rods, you can use pencil to gently mark a pattern on the kiln shelf paper before placing it in the mold.

Image 4:



Use a mosaic nipper to nip approximately 40 to 50 even segments of Red Reactive Rod, each about 1/2" long.

Image 5:



Standing the rod upright between two 1/2" diameter dowel rods and nipping right against the top of the rods can help keep the pieces even and flat on one end.

Image 6:



Add dots of Clear Elmer's Glue in a line across the glass, then place the flatter end of one nipped rod piece upright into each. Try to keep them straight, though note that angles will increase the area of reactivity if you'd prefer.



Image 7:
Continue adding dots of glue and upright rods into an approximate Swiss Dot pattern or into the arrangement or pattern of your choosing. Allow the glue time to dry before adding frit.



Image 8:
Fill with Mariner Blue Opal. Use a brush to clear off the tops of the rods (**Image 8.1**).



Image 9:
Add F2 Turquoise Blue Opal in the center, maintaining a roughly even border of Mariner Blue around it. Once in place, sweep the rod tops clear once more.



Image 10:
Transfer onto kiln posts on a level shelf in the kiln. Arrange the posts so the majority of each is outside the mold to avoid uneven heating. Fire using the suggested schedule in **Table 1** below or using your own favorite full fuse.

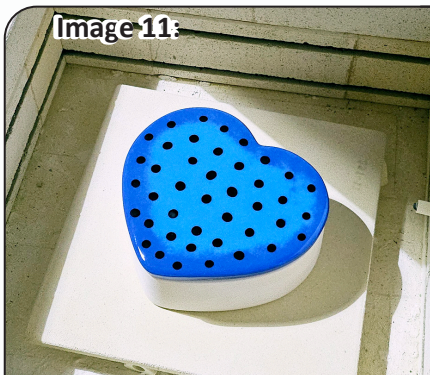
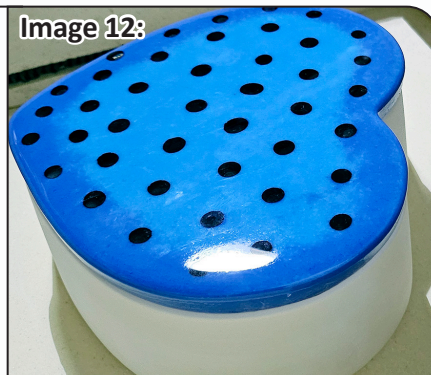


Image 11:
Once cool, clean off any residual separator if necessary. Place the treated 80675 on a level shelf in the kiln and center the fused blank on top of it (**Image 11**). Try to center the glass as best you can for even slumping (**Image 12**).



Once centered, fire using the suggested schedule in **Table 2** or your own preferred gentle slump.

TABLE 1: FULL FUSE *

Seg.	Rate	Temp (°F)	Hold
1	200	1000	15
2	300	1225	30
3	350	1470	15
4	9999	950**	120
5	100	700	01

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

TABLE 2: SLUMP *

Seg.	Rate	Temp (°F)	Hold
1	275	1210	60
2	375	1265	10
3	9999	950**	90

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use.

The reactivity between the copper-bearing frits and the Red Reactive Rods is what gives the dots their dark outline. Try out other copper-bearing colors, like those in **Example 2**!

Most companies have lists of their reactive colors.

Example 2:



Creative Paradise Inc.

HEART PATTERN

****When printing, make sure to print at
"Actual Size" or 100%!****

Pattern for Heart Dam

Cut kiln shelf paper along the **outside** of this pattern
outline Cut glass along the **inside** of this pattern outline