

Bright Coneflowers



Materials:

- [LF_244_Two_Coneflowers](#)
- [GM_255_Radiant_Slump](#)
- [GM_60_Slump_with_Hump](#)
- COE96 Frit
 - Powder Sunflower
 - Fine Flame Opal
 - Powder Flame Opal
 - Powder Plum Opal
 - Fine Orange Opal
 - Powder Orange Opal
 - Fine Lemongrass Opal
 - Powdered Orange
 - Medium Hydrangea Opal
 - Fine Mauve Opal
- Kiln Shelf Paper
- Two Part Epoxy
- Crimp Sleeve Connector
- Wooden Skewer
- Lime Green Paint

Before You Begin:

- We recommend ZYP Boron Nitride Spray to prime molds
- Always allow primer plenty of time to dry
- Adjust the suggested firing schedules as necessary for your own kiln
- Always wear a mask when working with powdered frit
- Contact us at creativeparadiseinc@live.com with any further questions

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Begin with Powder Sunflower in the centers of the flowers and sift Plum Opal into the petals.



Place Fine Orange Opal over the Sunflower in the center.



Layer Fine Lemongrass Opal over the Orange Opal.



Fill the remainder of each flower with Medium Hydrangea Opal until the large flower is holding about 110 grams and the small flower has about 60 grams. The raised ridges between petals should be completely covered by frit. Fire using a Full Fuse Schedule. See Table 1 for a suggested Full Fuse.

Featured Molds



[LF_244_Two_Coneflowers](#)

9.25" L x 5" W



[GM_60_Slump_with_Hump](#)

4" Diameter



[GM_255_Radiant_Mushroom_Slump](#)

5.5" Diameter



Allow the glass to cool and gently remove from the mold. Use soap and water to remove any residual glass separator.

Once the flowers are clean and cool, they can be slumped.

Center the larger flower on the GM255 Radiant Mushroom Hump.

Center the smaller flower on the GM60 Slump with Hump. It may be necessary to add a small sheet of kiln shelf paper under one petal to balance the casting on the center of the hump.

Fire the glass according to the suggested schedule in Table 2.

Allow the castings to cool completely and remove any residual glass separator. Place the castings upside-down in small cups or frit jars to balance them.

Add a small dab of Two Part Epoxy to the center of the underside of the flowers. Place a copper "Crimp Sleeve Connector" (Gauge 14/Calibre 8, found in the electronics department of hardware stores) with the flange side down on the epoxy. Allow the epoxy to set.



Table 1: Full Fuse

Segment	Rate	Temperature	Hold
1	350	1150	30
2	375	1450	05
3	9999	950*	60

Table 2: Slump

Segment	Rate	Temperature	Hold
1	275	1250	15
2	9999	950*	60

Place a wooden skewer into the crimp sleeve opening. The skewers used in this project were painted lime green using a water-based acrylic paint.

Table 3: Tack Fire

Segment	Rate	Temperature	Hold
1	350	1150	30
2	375	1375	05
3	9999	950*	60

* If using COE90 glass, adjust this temperature to 900





To make flowers with separated petals, fill the large flower with 60 grams and the small flower with 40 grams. Use the same color instructions as previously stated, or, for red flowers, use the following.

Place Powder Sunflower Opal in the center of the flower, then cover with Fine Flame Opal.

Place Fine Lemon Grass Opal over the Flame Opal.

Sift Powder Orange Opal into the bodies of the petals, and Powder Flame Opal onto the edges, as pictured above.



Fill to the previously stated fill weights with Fine Mauve Opal. Use a soft brush to pile the frit into the center of the petals and expose the ridges between them.

Fire using a Tack Fire. A suggested schedule can be found in Table 3.

Allow the glass to fully cool and remove gently from the mold. Use soap and water to remove any residual glass separator from the flowers.

Once fully cooled and cleaned, the flowers can be slumped.

Center the larger casting on the GM255 Radiant Mushroom Hump, and the smaller casting on the GM60 Slump with Hump.

As with the flowers with fused petals, a small sheet of kiln paper may be needed to help balance the casting on the center Hump. Slump according to the schedule in Table 2.

To place the flowers with separated petals on stems, repeat the instructions on Page 2.

Arrange flowers as desired for a beautiful glass bouquet!

For variety, include some non-slumped castings, as seen in the picture above.