



Creative Paradise Inc.



Make your own slurry mushrooms

Make yourself some beautiful mushrooms using the Round Drape Mould or Flat Top Cap Mould.

The following instructions enable you to make a mushroom cap using the round drape mould (CPGM149) or flat top cap mould (CPGM207).

You will need to following to create this project:

- Creative Paradise, Inc. moulds CPGM207 or CPGM149
- COE96 fusible glass
- COE96 frits - F1 powders in various colours
- ZYP
- 1/4" OD copper coil/tube
- Two-part epoxy
- Copper crimp buttsplice size 14-4



Ensure your mould is well primed before use

By using a primer this will prevent the glass sticking to the mould and potentially damaging the mould and the glass, make sure you use a small brush for detailed areas and dry thoroughly.

Creative Paradise highly recommend using ZYP a Boron Nitride spray due to the high temperatures required, this easy to apply spray can fire up to 982°C. Several light coats with a short waiting period of around 15 minutes between coats is preferable to one heavy coat. Shake the can well before use and hold the can upright while using to assure proper distribution of product. You will need to apply one light coat each time you fire.

The process



1 Create your frit slurry

There are a wide variety of techniques available to make fun mushrooms using Creative Paradise, Inc. drape moulds, GM149 and GM207. One fun and easy technique to create glass to shape into mushrooms on the molds is by using the "frit slurry" technique. To learn more about making frit slurries take a look at our frit slurry tutorial.

The maximum size glass to place on each of the drape moulds follows: GM149 5" dia., GM207 7" dia. Smaller glass can be placed on the drape moulds to make smaller mushroom caps. Single thickness of glass as well as double thickness (6mm) glass can be used to create the mushrooms.

For your convenience and as design suggestions, you will find a list of the System 96 powdered frit colors featured in the mushrooms photographed below: The sheet glass used in each was clear.

A- Clear Reactive Red, Blue Topaz, Deep Aqua

B - Orange Opal, Yellow Trans, Apple Jade

C - Vanilla Cream, Deep Aqua, Clear Reactive Red

D - Ming Green, Pale Blue, Black Opal

After the slurry has been added to the sheet glass, allow the slurry to dry on a clean flat surface.

2 Fire your frit slurry

To use the "One and Done" firing method, treat the mould(s) with Zyp Boron Nitride spray. Place the mold on a kiln shelf in a kiln and center the glass on the mold. Fire using the firing schedule found in the table overleaf.

It is also possible to fuse the glass flat and then drape the glass on the mould in a separate firing.

“One and Done” Firing Schedule

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	152°C/hr	to 260°C	0:10
2.	152°C/hr	to 662°C	0:15
3.	AFAP* OR 9999°C/hr	to 768°C	0:00
4.	AFAP* OR 9999°C/hr	to 510°C	1:15
5.	55°C/hr	to 260°C	0:00

*AFAP = as fast as possible, some controllers will not allow a rate of 9999°C /hr

**It is important to use as little heat as possible to drape over ceramic moulds. Too much heat in this segment can cause the glass to cling too tightly to the mould. Adjust this temperature if needed for your kiln.

Note:

This data is a guide only, firing programs may need to be adjusted according to size and thickness of glass and the kiln's performance. Ensure that data is entered into the controller accurately, otherwise glass may not fuse correctly or paint will not fire onto the glass as desired. Creative Glass Guild sells all glass, tools and materials on the basis that customers have the knowledge and ability to use them safely and in accordance with all relevant regulations and legislation.

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Stem your mushrooms

To place the fired caps on stems with a screw: Use a diamond encrusted core bit (1/4" or 3/8" dia.) to drill holes in the center of the caps. Place a plastic wall anchor (#6-#8) into the end of a 1/4" copper tube. Place #6 washers on either side of the glass and a #6 screw through the washers into the plastic wall anchor in the copper tube.

To place the fired caps on stems using epoxy, invert the caps and place ample mixed epoxy in the center of the cap. Place a #6 screw or a 1/4" copper end cap in the epoxy. Allow the epoxy to set. The end cap can be placed on the end of a 1/4" copper tube or the screw can be threaded into a plastic wall anchor in the copper tube.