

Slurry Bell Mushrooms

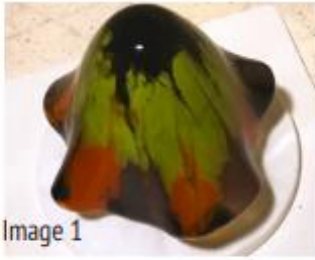


Image 1

Materials needed: [GM209 Bell Mushroom Mold](#), 3" to 6.5" dia. of single or double layer fusible glass, various compatible fusible powdered frit, glass separator, 1/4" OD copper coil/tube., 2 part epoxy, copper crimp butt splice size 14-4



Image 2

In previous mushroom tutorials, glass decorated with wet powdered frit ("Frit Slurry") were fired on dome mushroom molds to create "Slurry Mushrooms" in one firing process. Because of the vertical nature of the GM209 Bell Mushroom, the frit slurry must be pre-fired to the glass and then the glass can be draped over the mold in a careful firing process. For greater detail regarding how to mix powdered frit with water and other tips for creating frit slurries [click here](#) to be re-directed to the general slurry instructions and previous slurry tutorials.

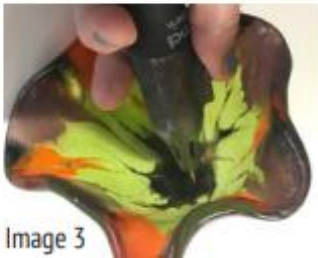


Image 3

The GM209 Bell mold can be used to drape glass ranging in size from 3" dia. to 6.5" dia. circles. It is not advisable to drape glass any larger than 6.5" in diameter.



Image 4

The Bell Slurry Mushrooms pictured in the title image above were made by using a 6" dia. circle of Double Thick (6mm) clear, a 6" dia. circle of 3mm Black and a 4.5" dia. circle of 3mm clear with various frit slurries applied and fired to the glass flat on a kiln shelf over kiln shelf paper using the schedule found in Table 1. The fired glass was then placed over a GM209 Bell Mushroom mold treated with a suitable glass separator and fired using the firing schedule found in Table 2 (image 1). It is important not to over fire the glass on the mold.



Image 5

The draped glass was removed from the mold when the kiln was cool (image 2). An engraving tool (or other tool) was used to abrade the top inside section of the glass to help the epoxy to adhere (image 3). The glass was placed in a cup to help keep the glass level and upright as seen in image 4. A dime-sized portion of mixed two part epoxy was placed in the top inside section of the glass and a size 14-4 copper crimp butt splice was placed in the epoxy (image 5). A section of 1/4" OD copper coil was cut using a pipe cutter and when the epoxy was set, the copper tube was placed inside the copper crimp butt inside the mushroom cap as seen in image 6.



Image 6

6" Double Thick Clear With Slurry

4.5" Single Layer Clear With Slurry

6" Single Layer Black With Slurry



Title Image

Segment	Rate	Temp	Hold
1	300	1215	20
2	50	1250	20
3	350	1420	10
4	9999	950	60

Segment	Rate	Temp	Hold
1	250	1200	20
2	350	1300	05
3	9999	950	90
4	100	500	10