



*Creative Paradise Inc.*



# Make your own drop center bowl

Make yourself a beautiful bowl using the Patty Gray 8" Round Dam Mould and the Small Round Slump Ring.

The following instructions enable you to make a feather pendant using the Patty Gray 8" Round Dam Mould (CPGM131) and the Small Round Slump Ring (CPGM232).

## You will need to following to create this project:

- Creative Paradise, Inc. mould CPGM131 and CPGM232
- ZYP

- COE96 scrap glass
- Kiln shelf paper
- Mosaic nippers
- COE96 frits: F2 Fine and F3 Medium



## 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 Apply mould release ZYP spray to your moulds

Use compatible glass throughout. Apply ZYP BN Spray to the shelf ring and the dam mould.

## 2 Fill the dam mould with scrap glass

Place a 7.75" circle of kiln shelf paper inside the GM131 dam mould. Use a mosaic nipper and scrap glass to fill the bottom of the dam mould with one layer of glass. There will be gaps between the various shapes and pieces of glass.

Fill gaps with fine and medium grain frit until the bottom of the dam mould is filled with a layer of glass. Gaps in the bottom layer may cause air to be trapped and eruptions may result. This bottom layer can also be created by placing a 7 7/8" circle of clear glass in the bottom of the mould. Use the mosaic nipper and glass to cover that base layer with another layer of glass. At least partially cover the second layer of glass with more glass pieces. Fire the mould with the glass using the firing schedule in the table below.

## 3 Use the shelf ring to create the drop

After the glass has cooled, place the GM232 Shelf Ring on a piece of kiln shelf paper resting on a level kiln shelf. Fire the glass using the firing schedule found in the table below.

### Dam mould firing schedule - full fuse

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	152°C/hr	to 621°C	1:00
2.	27°C/hr	to 721°C	0:30
3.	194°C/hr	to 798°C**	0:10
4.	AFAP* OR 9999°C/hr	to 510°C	1:30
5.	55°C/hr	to 260°C	0:00

### Shelf ring firing schedule - drop

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	138°C/hr	to 676°C	0:30
2.	111°C/hr	to 743°C	0:30
3.	AFAP* OR 9999°C/hr	to 510°C	1:30
4.	55°C/hr	to 260°C	0:00

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

\*\* Will vary depending on desired result and 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.