



Creative Paradise Inc.



Burst of colour bowl

In this tutorial you will learn how to make a beautiful colourful bowl using the Creative Paradise, Inc mould CPGM192 XL Organic Slump.

You will need to following to create this project:

- Creative Paradise, Inc. mould CPGM192 XL Organic Slump Mould
- ZYP
- Papyrus paper
- Liquid fusing glue
- 13" circle of Clear COE96 glass
- 8" squares of Sea Green, Pale Blue, Pale Amber and Light Grape transparent
- Black COE96 stringers
- Black COE96 F3 frit



Make sure you use a glass separator on your mould

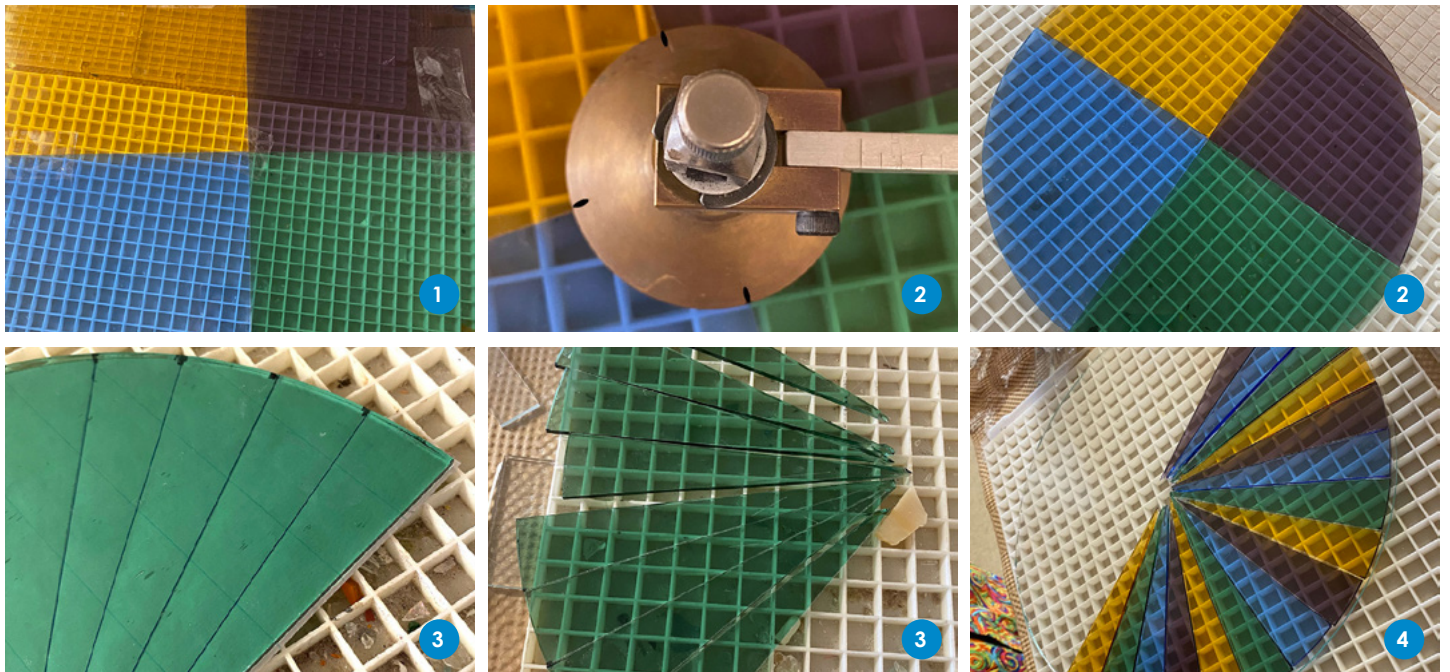
It is crucial that you coat your mould with a glass separator so that the glass won't stick to the mould once it is fired. If you don't apply enough glass separator your glass will get stuck or pull out some of the mould. We would recommend using ZYP (Boron Nitride Spray), this comes in a can which can be sprayed easily - spray several light coats in intervals, turning the mould to make sure you coat all the surfaces. Make sure you also wear a mask to avoid breathing in the spray.



Keep your mould edges clean

Once you have added your frit make sure that you sweep away any loose frit from the edges of the mould, this will prevent burrs from occurring and will ensure that your shape has a smooth edge. Use a powder sifter when using your powdered frit to allow you to easily add fine detail.

The process



1 Align the four 8" coloured squares in a grid as shown

To keep the squares in place, tape the center and the edges where the squares meet.

2 Cut the glass into a circle

Place a circle cutter set to cut a 12.75" circle on the glass such that the marks on the suction cup are over the seams between the glass colours. Hold the center of the circle cutter tightly in place and score a quarter circle on each colour of the glass. Break the edges away to create a 12.75" circle of four equal parts of each colour.

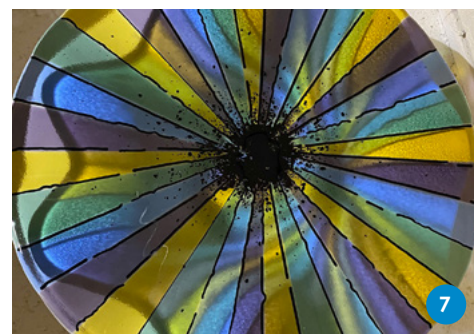
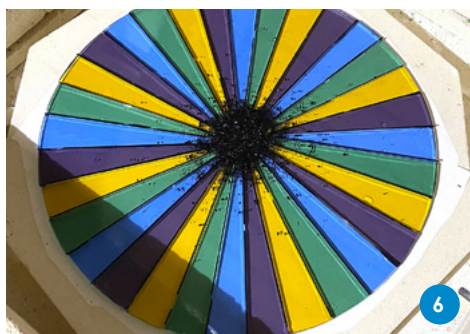
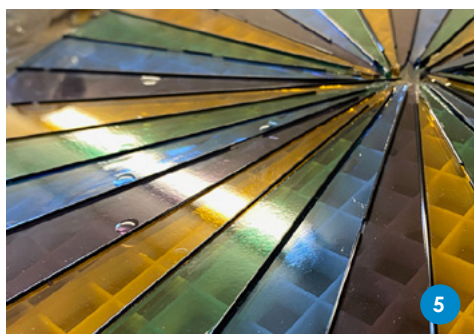
3 Use the template (page 4) to cut the segments

Using the template and a marker to mark each quarter circle into eight equal parts. Use a straight edge to score from the outside mark to the point of the quarter circle. Begin with the center line and break it away to create two pieces and then score the center of the two pieces to create four pieces and the center of those four to create eight equal pieces of each quarter circle. The result should be 32 pieces of glass - eight of each of the four different colours.

4 Cut a 13" circle of clear glass

Begin to arrange the 32 sections of glass in a sequence as shown. There will be a void in the center where the transparent colour pieces will meet.

The process



5

Place black stringers in the gap between each of the 32 wedges

Use a bit of liquid fusing glue to keep the stringers and glass pieces in place. Broken stringer pieces can add a quirky effect if used.

6

Fill the center area with F3 black frit

Sprinkle a bit of the black frit here and there onto the transparent colours.

7

Fire the project on a full fuse using the schedule below

Place the project on a 14" circle of kiln shelf paper on a level kiln shelf in a kiln and fire to a full fuse.

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	167°C/hr	to 621°C	0:45
2.	28°C/hr	to 704°C	0:20
3.	194°C/hr	to 793°C**	0:10
4.	AFAP* OR 9999°C/hr	to 510°C	1:30

8

Fire the project on a deep slump using the schedule below

Clean the glass of any residual glass separator and place the glass on a GM192 that has been treated with glass separator. Place the mold on a level kiln shelf and fire using the slump schedule found in the table below.

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	167°C/hr	to 676°C	0:30
2.	194°C/hr	to 704°C	0:10
3.	AFAP* OR 9999°C/hr	to 510°C**	1:30

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

** Will vary depending on desired result and kiln

This data is a guide only, firing programmes 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.



Firing schedules

It may be necessary to adjust the firing schedules for your kiln, test tiles are a great way to get to know how your kiln fires.



Black stringers

The black stringers added to this project were meant to wiggle and are not meant to be perfectly straight after firing. If you prefer perfectly straight stringers, use unbroken stringers and fuse the project with the solid piece of glass on top.

Template

