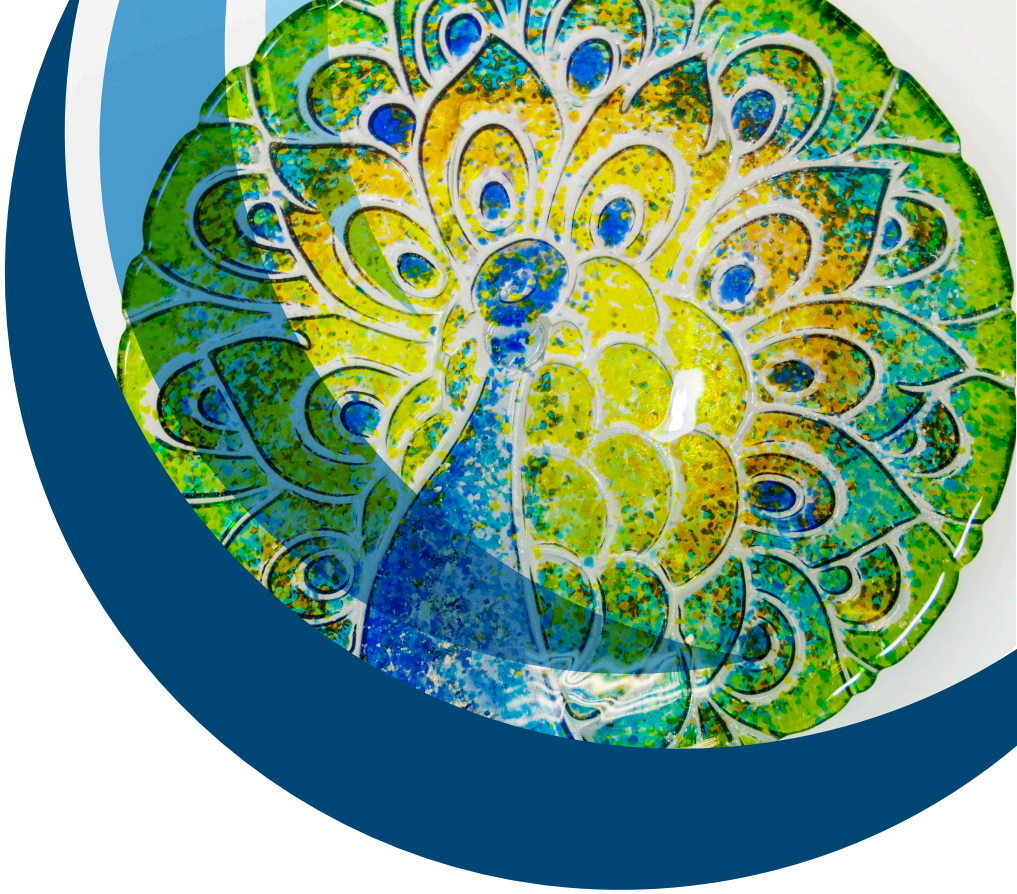


# Using the Peacock Circular Texture mould

Make a stunning fused, textured and slumped glass peacock bowl with the 11" Peacock Circular Texture mould.

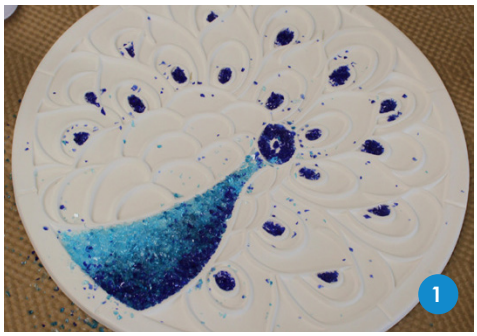
The following instructions enable you to make a beautiful bowl using the Peacock Circular Texture mould (CPDT19) and the Round Shallow 10" Bowl mould (CPGM66).

### 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 the peacock body

After the spray has been allowed to dry, place medium grain Cobalt Blue frit in the "eyes" of the peacock feathers, in the peacocks head and along the right side of the peacock neck. Place medium grain Deep Aqua frit in the center of the peacock neck and Sky Blue on the left side of the peacock neck (fig. 1). The cavities should be filled to the top of the border walls.

### 2 Create the main body of feathers

Place medium grain transparent yellow frit in the tail area between the body and the peacock feather eyes. Sprinkle medium grain Medium Amber transparent frit into the areas over the peacock feather eyes and blending into the yellow (fig. 2).

### 3 Blend the colours into the feathers

Place medium grain transparent Deep Aqua frit along the top of the peacock feather eyes blending into the Medium Amber. (fig. 3)

### 4 Complete the rest of the feather area

Fill edge of the border feathers with medium grain transparent Moss Green frit blending the moss green into the deep aqua areas. If desired, place a few bits of transparent Orange frit in the beak area. Use a small soft round brush to gently sweep frit off of the top of the texture walls and off of the outside rim taking care not to brush off any of the boron nitride spray in the process (fig. 4). Each cavity in the texture should now be filled to the top with frit.

### 5 Complete the rest of the feather area

Place a 10" dia. circle of COE 96 Double Thick Clear over the frit onto the center of the mould. Place the mould on three level kiln posts in the center of a level kiln shelf such that the majority of the post is on the outside of the mould (fig. 5) If the posts are too far under the tile, they will cause uneven heat to that area. Elevating the mould helps to heat the glass more evenly and helps to eliminate erruptions during the firing process. Then fire according to the schedule overleaf.

## Peacock texture mould firing schedule - full fuse

| Segment | Rate Celsius/hr | Temp | Hold time (hr:min) |
|---|---|---|---|
| 1. | 152°C/hr | to 593°C | 0:15 |
| 2. | 111°C/hr | to 662°C | 0:30 |
| 3. | 111°C/hr | to 676°C | 0:20 |
| 4. | 152°C/hr | to 798°C | 0:10 |
| 5. | AFAP* OR 9999°C/hr | to 515°C | 1:30 |
| 6. | 55°C/hr | to 398°C | 0:05 |

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

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.

### 6 Slump into a bowl mould

Allow the kiln to cool naturally. Remove the glass from the mould and remove any excess boron nitride spray that may be on the glass. Treat GM66 10" Bowl Slump with ZYP in the same way that you did the texture mould. Place the glass on top of the treated GM66 slump. The glass will be hanging over the edge of the slump siightly. Fire the project on the slump mould using the schedule provided below.

## Peacock texture mould firing schedule - slump

| Segment | Rate Celsius/hr | Temp | Hold time (hr:min) |
|---|---|---|---|
| 1. | 152°C/hr | to 593°C | 0:15 |
| 2. | 111°C/hr | to 676°C | 0:30 |
| 3. | 152°C/hr | to 687°C | 0:20 |
| 4. | AFAP* OR 9999°C/hr | to 515°C | 0:10 |
| 5. | 55°C/hr | to 398°C | 1:30 |

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

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.