



Creative Paradise Inc.



Cut slurry flower

Creative Paradise have developed an interesting and fun way to blend frit colours. With a splash of water mixed with powdered frit you can create amazing results. In this tutorial you can make beautiful flowers.



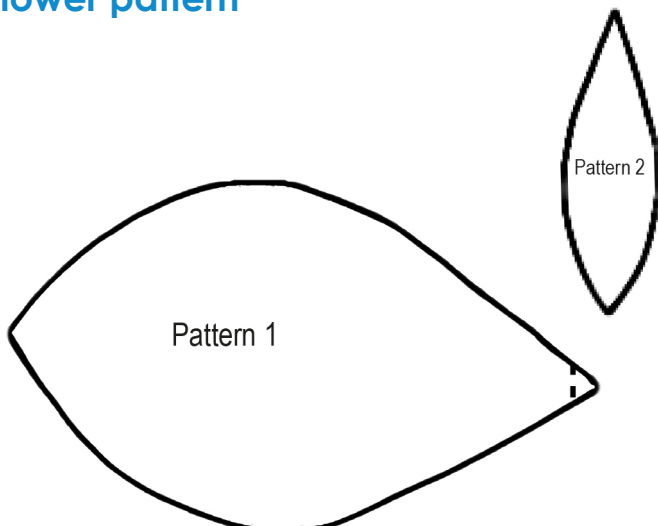
Make sure you wear a mask when using powdered frit



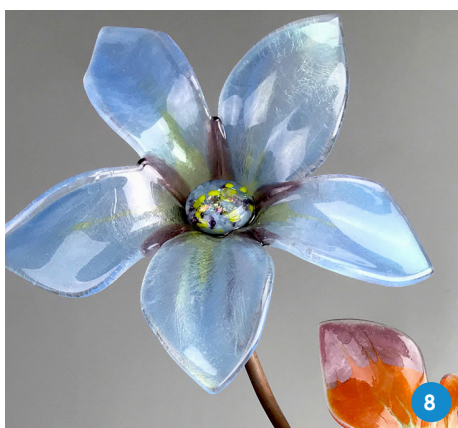
Make sure you use a glass separator on your mould

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.

Flower pattern



The process



- 1 Cut 5 petals using pattern 1 from clear ice or clear iridized sheet glass, use a mosaic nipper or glass cutter to remove the point at the end of the petals (indicated by a dotted line on the paper pattern)
- 2 Using the basic glass slurry technique, apply a slurry of F1 frit onto the petals pulling one colour into the other from the base of the petal, allow this to dry
- 3 Select a complimentary colour of sheet glass and using pattern 2 cut out 5 small petals
- 4 Arrange the petals as shown in image 4, there should be a small gap in the centre where the petals converge
- 5 **Fire the glass**
Use the full fuse schedule overleaf.
- 6 **Create your flower centres using mould 12 - 1" Round Discs (CPLF148) and fill the cavities with 6g of frit, then fire**
Use the full fuse schedule overleaf.
- 7 **After the glass has cooled place it onto the Small Organic Controlled Drop mould (CPGM196) and fire**
Use the slumping schedule overleaf.
- 8 **Use the basic stemming instructions to attach the flowers to a stem**
Instructions overleaf.

The process

System 96 full fuse

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1. Initial heat	222°C/hr	to 677°C	0:45
2. Rapid heat process soak	AFAP* or 9999°C/hr	to 796°C**	0:12
3. Rapid cool anneal soak	AFAP* or 9999°C/hr	to 510°C	1:30
4. Anneal cool	100°C/hr	to 427°C	0:10
5. Cool to room temp	AFAP* OR 9999°C/hr	to 40°C	0:00
6. END	-	-	-

System 96 slump

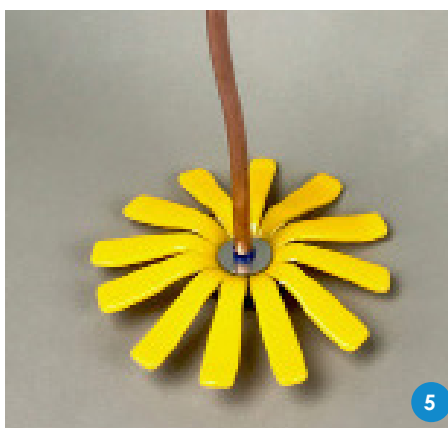
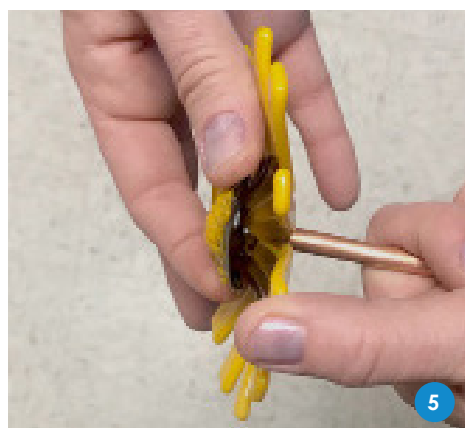
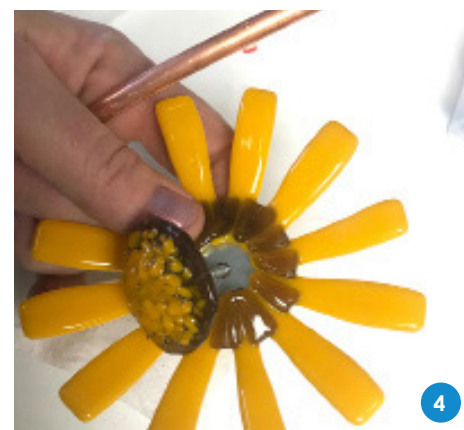
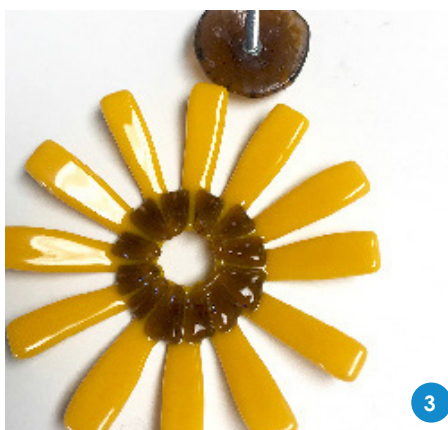
Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1. Initial heat	66°C/hr	to 148°C	0:15
2. Slow heat process soak	148°C/hr	to 593°C**	0:20
3. Top heat	66°C/hr	to 657°C	0:25
4. Anneal cool	204°C/hr	to 510°C	1:00
5. Slow cool anneal cool	66°C/hr	to 427°C	0:10
6. Cool to room temp	AFAP* OR 9999°C/hr	to 40°C	0:00
7. END	-	-	-

*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.

The process - basic stemming



You will need:

- Copper piping
- Plastic wall anchor (wall plug)
- Washers - metal and rubber

- 1 Choose your copper piping, 1/4 inch is suitable for most fused glass flowers but larger flowers may need either 3/8 or 1/2 inch tube
- 2 Place the wall plug/anchor into the top of the pipe
- 3 Assess the size of the hole in the flower, place washers on one or both sides of the hole, rubber washers can also be used to add stability
- 4 Place your screw through any washers, through the hole in the flower and into the wall plug/anchor
- 5 Tighten the screw until the flower is held in place - do not overtighten
- 6 A decorative centre can be placed over the screw using hot glue or a 2-part epoxy glue