



*Creative Paradise Inc.*



# Using the flamingo stakes frit casting mould

Make yourself two flamboyant flamingos using the frit casting mould, perfect for indoor pots or your garden.

The following instructions enable you to make two flamboyant flamingos using the Flamingo Stakes Casting Mould (CPLF204).

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

- Creative Paradise, Inc. mould CPLF204
- Powder sifter
- Pipette
- ZYP
- COE96 Frits in powder, fine and medium
- Tweezers



## 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 Use black frit to create beak, eyes and legs

Use a line and dot sifter to place powdered Black frit in the beak, eyes and legs.

### 2 Create the fine face and feather details

Use a powder sifter to place opal powdered frit in the head and belly.

Use a powder sifter to sift transparent powdered frit into the feather details, the base of the wing, the tail, neck and top of the head.

### 3 Create the legs

Use a line and dot sifter to place powdered a Green opal in the top areas of the grass around the legs.

Place fine Lilac opal frit over the black in the legs.

### 4 Create the body

Place fine opal frit over the body, neck and head of the flamingo covering all of the raised areas in this part of the mould.

Place fine a Green opal frit over the top of the grass.

Place fine Green Transparent frit in the entire grass area, fill all raised areas of the mould.

## 5 Finish the body

Fill the mould cavity with medium grain Clear frit. The small Flamingo should weigh 105 grams and the large Flamingo 120 grams. Fire the project to a full fuse. A suggested firing schedule can be found in the table below.

### Flamingo mould firing schedule - full fuse

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	166°C/hr	to 621°C	0:45
2.	83°C/hr	to 743°C	0:20
3.	222°C/hr	to 790°C**	0:10
4.	AFAP* OR 9999°C/hr	to 510°C	1:00
5.	55°C/hr	to 426°C	0:05

\*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.