



Creative Paradise Inc.



Using the tree frog frit casting mould

Make yourself a stunning tree frog using the frit casting mould and reactive frit, perfect for indoors or your garden.

The following instructions enable you to make a beautiful tree frog using the Tree Frog Casting Mould (CPLF206).

You will need to following to create this project:

- Creative Paradise, Inc. mould CPLF206
- Powder sifter
- Pipette
- ZYP
- COE96 Frits: F1 Black, F1 Vanilla Cream, F1 Teal Green, F2 Turquoise Green, F2 Vanilla Cream and F3 Clear
- 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 Create the frog eyes

Use a powder vibrate or other device to place F1 Black into the eyes of the Frog. Press the powder down into place.

2 Create the spots

Use a line and dot tool to sift and place F1 Vanilla Cream spots throughout the frog body where you want a reaction to happen. Press the powder down with your finger tip.

3 Create the body

Use a powder sifter to sift some F1 Teal Green into the body and tops of thighs of the frog. Place F2 Turquoise Green into the body of the frog as shown.

Place F2 Vanilla Cream into the body of the frog.

Place some F2 Clear into the body of the frog until the mold contains 326 grams of frit.

4 Create a hanging

Place pieces of 18 gauge copper wire bent into U shapes into the clear frit, where you would like the Frog to hang. Make sure the curved side is out of the frit and leans against the mold wall (see image above). Fire the mold to a full fuse that works best in your kiln, or use our suggested schedule found in table below.

5 Frit Reactions

Vanilla Cream reacts to copper bearing glass, both Teal Green and Turquoise Green are copper bearing. Therefore where the Vanilla Cream touches those copper bearing colors there is a reaction.

Tree frog 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.