

Reactive Tree Frog

Creative Paradise Inc.

Materials:

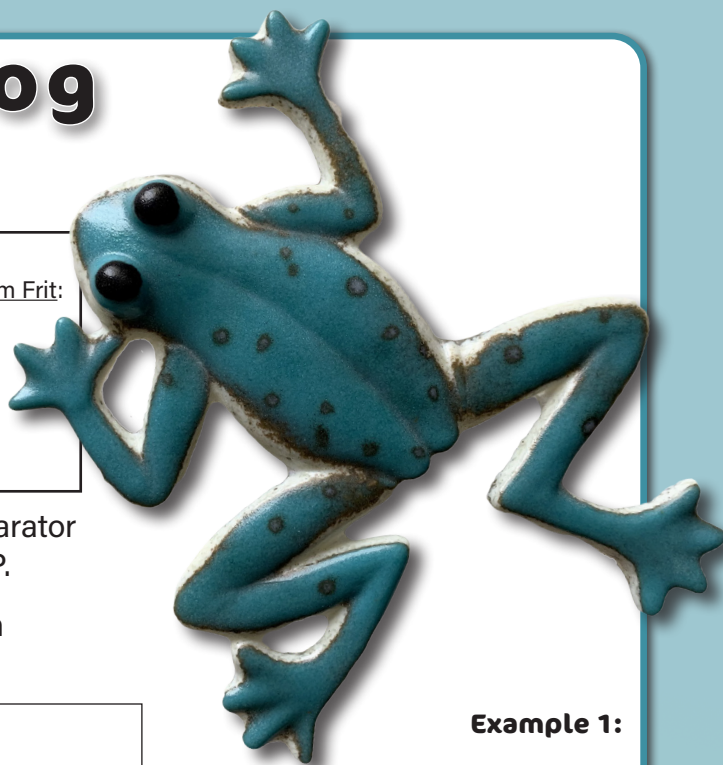
- [LF206 Tree Frog](#)
- COE96 Frits (See Right)
- Suitable Glass Separator (ZYP Recommended)
- Frit Placement Tools
- 18-Gauge Bare Copper or Nichrome Wire (Optional)

Suggested Glass:

- | | |
|---------------------------|--------------------------|
| - <u>F1 Powder Frits:</u> | - <u>F3 Medium Frit:</u> |
| - Black | - Clear |
| - Vanilla Cream O. | |
| - Teal Green Trans. | |
| - <u>F2 Fine Frits:</u> | |
| - Turq. Green Opal | |
| - Vanilla Cream O. | |

Prepare the mold thoroughly with suitable glass separator before beginning. We recommend spray-on ZYP.

Always wear a mask when applying spray-on separator or using powder frits.



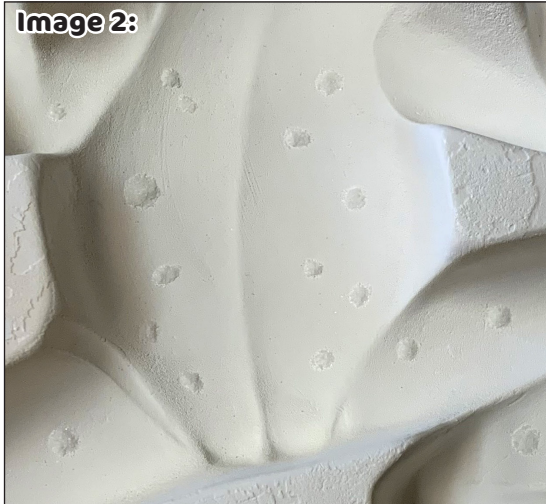
Example 1:

Image 1:



Once the separator is dry, begin by adding F1 Black to the eyes. Clean up any frit that strays outside the eye area.

Image 2:



Add dots of F1 Vanilla Cream Opal around the body wherever you want spots of reactivity. Press them down gently with a clean finger to help keep them in place, but take care not to disturb the separator as you do.

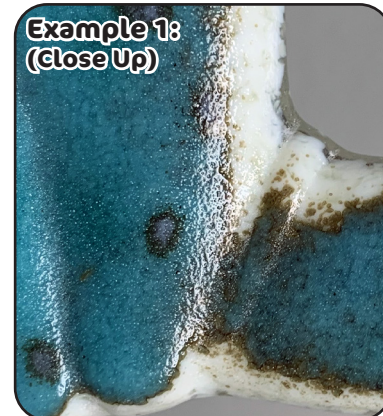
Image 3:



Sprinkle or sift F1 Teal Green Trans. along the back and the tops of each limb.

On Reactivity:

**Example 1:
(Close Up)**



Vanilla Cream glass, due to its high sulfur content, will react wherever it comes into contact with copper. Copper is often used to give shades of blues and greens, like the Teal and Turquoise Green used here, their color. The reaction between these colors is what gives this frog its distinctive spots.

Different glass manufacturers will have different formulae, but most also have lists of their potentially reactive colors.

For Oceanside's lists, [click here](#).

For Bullseye's, [click here](#).

Featured Mold:

[LF206 Tree Frog](#)

Mold (cm):

25 L x 20 W x 5.7 T

Cavity (cm):

20 L x 15 W

Fill Weight: 326g



Image 4:



Back the entire cavity with a thin layer of F2 Turquoise Green Opal.

Image 5:



Back the Turquoise Green with a layer of F2 Vanilla Cream Opal.

Image 6:



Add F3 Clear until full. Brush any frit off the small, raised dividers of the right arm and leg, and mound the frit towards the center of the mold. If using fill weights, this is about 326 grams of frit.

To add a point to hang from, refer to **"Hanging"** below.

Once any wires are in place, transfer the filled mold to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own favorite full fuse.

Table 1: Full Fuse *

Seg.	Rate	Temp (°C)	Hold
1	167	621	45
2	83	743	20
3	222	791	10
4	Full	510**	60
5	56	427	05

**If using COE90, adjust this to 482°C

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, [click here for Important Firing Notes!](#)

For more information, tutorials, and molds, visit our website:
www.creativeparadiseglass.com

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Hanging:

Image 7:



To add a hook for hanging, take a piece of 18-Gauge Bare Copper or Nichrome wire and bend it into a "U" shape. Tuck the arms into the frit wherever you would like the hanging point. Make sure the arms are tucked well into the frit but not so deep they poke through the other side. Bend the curved side of the wire so it rests on the mold, clear of any glass.

For multiple hanging points, repeat the above process for each. Once the wires are in place, transfer to the kiln and fire.