

Multidimensional Trays

Creative Paradise Inc.

Combine thin frit castings with a Shelf Ring and Texture mold to create intriguing multidimensional glass trays.

Materials:

- [DT03 Koi Texture](#)
- [GM233 Square Shelf Ring](#)
- [LFI46 Koi Fish*](#)
- COE96 Glass: (See Right)
- Suitable Glass Separator (Spray-on ZYP Suggested)
- Frit Slurry Supplies**
- Glass Cutting Supplies

Suggested Glass:

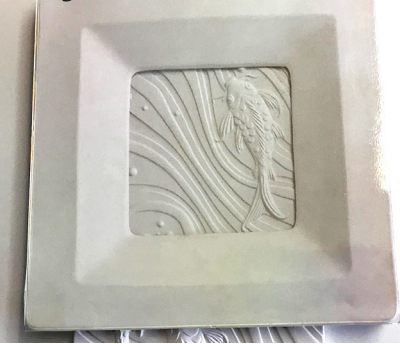
- FI Powder Frits:
 - Sea Green
 - Moss Green
 - Dark Amber
- Sheet Glass:
 - Clear Iridescent



* The LFI46 Koi in this example were made using the same methods as the Oval Koi Fish Bowl tutorial, [which you can find by clicking here](#).

** For more information and instructions on Frit Slurries, check our Basic Frit Slurry Tutorial [by clicking here](#).

Image 1



Make sure to prepare your molds well with suitable glass separator before beginning. We recommend spray-on ZYP. **Always wear a mask when using spray-on separator and/or powder frit.**

After your molds have been primed with separator and the separator is dry, begin by cutting and cleaning a 10" square of Clear Irid sheet glass. Place the GM233 Shelf Ring on the DT03 Koi Texture, adjusting the ring until the desired section of texture is framed by the ring. Center the Clear Irid square on the Shelf Ring with the iridized coating facing down towards the texture (**Image 1**).

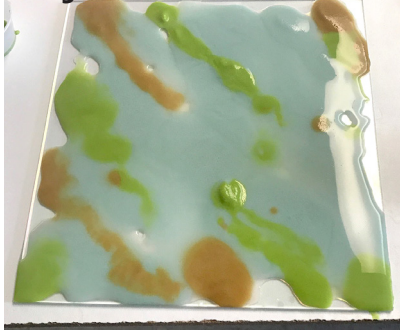
Image 2



Using the information found in the Basic Frit Slurry tutorial linked above, create a frit slurry with approximately 5 tbsp of FI Sea Green frit. Place the slurry in rough lines matching the direction and flow of the waves on the texture below (**Image 2**). The slurry should be on the side of the glass without the irid coating.

Remove the slurry-covered glass from the mold. Create two additional slurries, one from FI Moss Green and the other from FI Dark Amber, and place them between the lines of the Sea Green slurry (**Image 3**).

Image 3



Use your fingers or a similar soft tool to gently swirl the slurry colors together. Try to keep the general flow of the lines in the same direction (**Image 4, Page 2**). Set the slurried glass aside and allow it plenty of time to dry.

In the meantime, use the process outlined in the Oval Koi Fish Bowl tutorial linked above to create two thin koi castings from the LFI46 Koi frit cast mold.

Image 4



Once you have your koi and your slurries are dry, place the DT03 Texture on a level shelf in the kiln. Place the GM233 Shelf Ring onto the texture as previously arranged (**Image 5**). Place the Clear Irid square with slurries onto the Shelf Ring so the lines of slurry line up with the waves beneath (**Image 6**).

Arrange the thin koi frit castings around the edges as desired (**Image 7**). Fire using the suggested schedule in **Table I**.

After the glass has fused and cooled (**Image 8**), remove it from the kiln. If necessary, wash with warm water to remove any excess separator from the glass.

Image 5



This technique can be used with other molds to create other themed Dimensional Dishes! The tray shown in **Image 9** used [DT24 Autumn Leaves Texture](#), frit cast leaves from [LF162 Leaves and Acorn](#), and the [GM233 Square Shelf Ring](#). The base glass was Pale Amber Iridized, with the irid side facing the texture as with the koi example used in this tutorial.

There are many of different molds and themes that can be used with this technique! All you need is a texture mold, a frit cast mold, and a shelf ring.

Image 6



Table I: One-and-Done*			
Seg.	Rate	Temp (°F)	Hold
1	275	1150	20
2	50	1330	30
3	450	1420	10
4	9999	950**	90
5	100	500	00

**If using COE90, adjust this to 900°F

*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, [please click here to see our Important Firing Notes!](#)

Image 7



Featured Molds:



[GM233 Square Shelf Ring](#)



[LF146 Koi Fish](#)



[DT03 Koi Texture](#)

Image 8

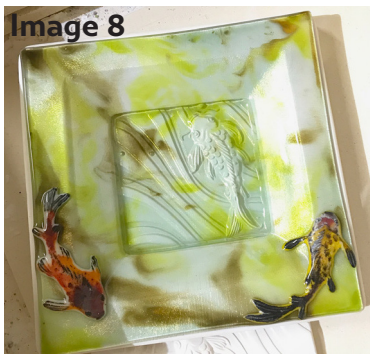
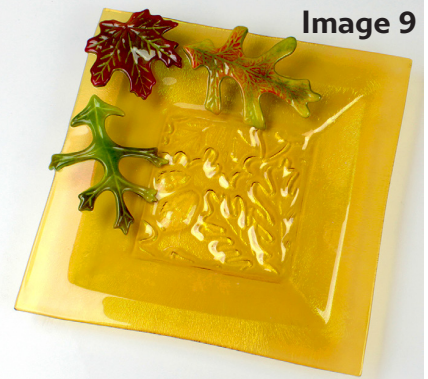


Image 9



Dimensional Tray created using molds DT24, LF162, and GM233.

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