

# Seashore Tray

Creative Paradise Inc.

## Materials:

- [LF149 Starfish and Seahorse](#)
- [LF150 Shells and Coral](#)
- [GM97 Handle Tray](#)
- COE96 Glass (See Below)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Glass Cutting Supplies
- [Frit Slurry Materials:](#)
  - Plastic Spoon or Scoop
  - Plastic Knife or Skewer
  - Small Cups or Bowls
  - Spray Bottle with Water
  - Towels (Paper or Cloth)

\*For more info on frit slurries, [please click here](#)



## Suggested Glass:\*\*

- Sheet Glass:
  - Double Thick Clear
- F1 Powder Frits:
  - Medium Amber Trans.
  - Blue Topaz Trans.
  - Sea Green Trans.
  - Pale Blue Trans.

## F1 Powder Frits con't:

- Chestnut
- Light Purple
- Lemongrass
- Blue Topaz
- Lilac
- Moss Green
- Orange Opal
- Crystal Opal

## F2 Fine Frits:

- Khaki
- Champagne
- White
- Stone
- Mauve
- Almond
- Light Blue
- Ming Green

## Example 1

\*\*For convenience, the glass needed for each frit casting mold (LF149 & LF150) will be listed again separately in a dashed box like this one at the beginning of that section.

**Treat all molds thoroughly with glass separator before adding any glass.** We recommend spray-on ZYP. Always wear a mask when applying spray-on separator or using dry powder frits.

## Creating the Base:

Begin by cutting and cleaning a 6.75" x 12.75" piece of Double Thick Clear sheet glass. Refer to the "Making a Frit Slurry" box to the right to create slurries from each of the four frit colors listed.

Start by adding the Medium Amber slurry at an angle on two opposite corners of the Clear (**Image 1.1**). Place the Blue Topaz, Sea Green, and Pale Blue slurries in alternating diagonal stripes between the two Amber corners (**Image 1.1**).

Use a Plastic Knife or similar tool to gently drag and blend the slurries into one another (**Image 1.2**). If you find the slurries drying out and becoming harder to blend, give them a spritz with water to re-liquify them.

Gently shake the glass to help the slurries even out and settle (**Image 1.3**). Set the slurry-covered glass aside somewhere safe and flat and allow it plenty of time to dry out completely.

## Making a Frit Slurry:

Using the "Color Amounts" box to the right, scoop the indicated amount of the given color of F1 powder frit into a small container. Use a spray bottle with water to spritz the frit until saturated, with just a thin layer of water resting atop the frit.

## Color Amounts:

- Med. Amber: 2 tbsp
- Blue Topaz: 4 tbsp
- Sea Green: 3 tbsp
- Pale Blue: 3 tbsp

Mix the frit and water together to a loose consistency similar to pancake batter. Repeat these steps for each color in the amounts listed, making sure to either use a separate container for each color or to clean the container thoroughly between colors. For more details on this process, check [our Basic Frit Slurry Tutorial by clicking here](#).



Image 1.1



Image 1.2



Image 1.3

# Shells and Coral (LF150):

## Glass Needed:

- |                    |                  |
|--------------------|------------------|
| - F1 Powder Frits: | - F2 Fine Frits: |
| - Chestnut         | - Khaki          |
| - Medium Amber     | - Champagne      |
| - Light Purple     | - White          |
|                    | - Stone          |
|                    | - Mauve          |

Frit colors are **bolded** and underlined the first time they're used in this tutorial. Make sure the LF150 has been primed well with separator and allowed to dry before continuing.

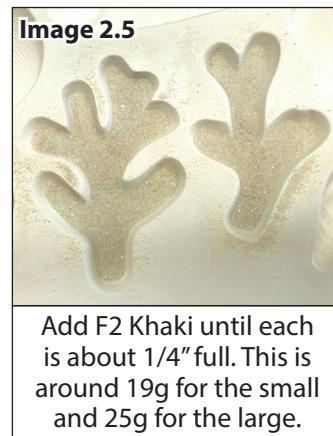
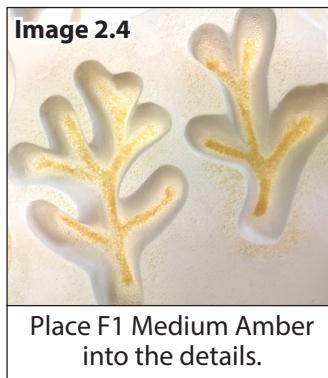
**Please note that the fill weights listed for these frit cast pieces are less than their full fill weights.** This is intentional to create thinner pieces. The backs may appear bumpy when de-molded, but this will smooth out and help them stick to the tray in the final firing.



Sand Dollar



Corals



Shell #1  
(Conch)



## Shells and Coral (con't):



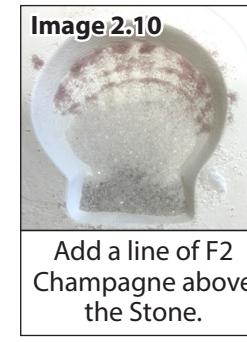
*Shell #2  
(Scallop)*



Add F1 Light Purple in curved horizontal bands across the shell and into the outer tips of the base.



Place **F2 Stone** in the bottom portion of the shell.



Add a line of F2 Champagne above the Stone.



Back with a layer of F2 White. Add F2 Khaki (not pictured) until about 1/4" full or holding about 25g.



*Shell #3  
(Auger)*



Place F1 Light Purple in the lowest parts of each segment of the shell.



Add a bit of **F2 Mauve** over the Light Purple.



Add F2 Champagne until around 1/4" full or holding about 15 grams.



*Shell #4  
(Clam)*



Add F1 Light Purple in thin lines radiating down and out from the base of the shell.



Sprinkle or sift a bit of F1 Medium Amber into the center.



Add some F2 Stone over the Amber then add F2 Champagne (not pictured) until about 1/4" full, which is around 28 grams.

**Set the filled mold aside and continue on to fill the LF149 Starfish and Seahorse.**



[www.creativeparadiseglass.com](http://www.creativeparadiseglass.com)

Creative Paradise Inc.\*

# Starfish & Seahorse (LF149):

## Glass Needed:

- F1 Powder Frits:
- Lemongrass
- Blue Topaz
- Lilac
- Moss Green
- Orange Opal
- Crystal Opal
- F2 Fine Frits:
- Khaki
- Almond
- Stone
- Light Blue
- Ming Green

Frit colors are **bolded** and underlined the first time they're used in this tutorial. Make sure the LF149 has been primed well with separator and allowed to dry before continuing.

**Please note that the fill weights listed for these frit cast pieces are less than their full fill weights.** This is intentional to create thinner pieces. The backs may appear bumpy when de-molded, but this will smooth out and help them stick to the tray in the final firing.



Starfish #1



Place **F1 Lemongrass** into the lowest detail spots.



Sift or sprinkle **F1 Blue Topaz** over the Lemongrass and into some of the smaller spots.



Add a bit of **F2 Khaki** to fill the lowest area, then add **F2 Almond** (not pictured) until around 1/4" full, which is about 37 grams.



Starfish #2



Add **F1 Lilac** to the lowest details.



Sift or sprinkle a bit of **F1 Moss Green** over the entire starfish.



Place a layer of F2 Stone over the Moss Green.



Add F2 Almond until around 1/4" full or holding about 41 grams.



Both Seahorses



Place F1 Moss Green in the fringes of the bellies and necks and along the tail bottoms. Add F1 Blue Topaz in the faces and fins and along the backs.



Add **F1 Orange Opal** to the low details of the spines, bellies, and cheeks.



Sift or sprinkle a light coat of **F1 Crystal Opal** over all of each seahorse.



Add **F2 Light Blue** to the fins, bellies, tails, faces, and along the backs.



Add **F2 Ming Green** until each seahorse is about 1/4" full. This is about 21 grams for the larger and 17 grams for the smaller.

## Finishing the Tray:

Transfer the filled LF149 and LF150 to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Tack Fire. Once they have fused and cooled, de-mold and rinse off any residual separator with running water and a stiff (not wire) brush.

Arrange the castings as desired onto the dry slurry-covered glass from **Page 1** or use **Image 4.1/Example 1** as reference. Once the castings are in place, center the entire project onto the GM97 Tray that has already been treated well with separator and move onto a level shelf in the kiln (**Image 4.2**). Fire using the suggested schedule in **Table 2** to simultaneously Slump and Tack Fire, making sure to adjust as needed for your kiln.

Alternately, the castings can be arranged onto the slurred glass and Tack Fired together then Slumped separately onto the GM97 Tray in a different firing using your own favorite Tack Fire and Slumping schedules if preferred.



**Image 4.1**



**Image 4.2**

**Table 1: Tack Fire\***

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	30
3	350	1400	10
4	9999	950**	60

\*\*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!](#)

**Table 2: Tack Fire and Slump\***

Seg.	Rate	Temp (°F)	Hold
1	275	400	20
2	275	1215	60
3	50	1260	60
4	350	1400	03
5	9999	950**	180
6	50	825	10
7	100	500	05

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

### Featured Molds:



**LF149 Starfish & Seahorse**  
Mold: 9" L x 8" W  
Castings: 3.75" - 2.75"



**LF150 Shells and Coral**  
Mold: 9.5" L x 6.5" W  
Castings: 3.5" - 2"



**GM97 Handle Tray**  
Mold: 13" L x 7" W



**Example 1**  
(Same as Page 1)

