

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 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 Opal
- Light Purple Trans.
- Lemongrass Opal
- Blue Topaz Trans.
- Lilac Opal
- Moss Green Trans.
- Orange Opal
- Crystal Opal
- F2 Fine Frits:
- Khaki Opal
- Champagne Opal
- White Opal
- Stone Opal
- Mauve Opal
- Almond Opal
- Light Blue Trans.
- Ming Green Trans.

**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. 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 to gently drag and blend the slurries into one another (**Image 1.2**). If the slurries are 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.

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 on this process, refer to [our Basic Frit Slurry Tutorial here](#).

Color Amounts:

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

APPROXIMATE CONVERSIONS:

6.75" x 12.75" ≈ 17.15 cm x 32.38 cm

NOTE: Converting tablespoons depends on density, which can vary. The important thing to maintain is the ratio between colors.

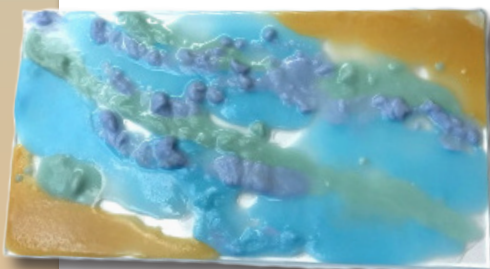


Image 1.1:



Image 1.2:



Image 1.3:

Shells and Coral (LF150):

Glass Needed (COE96):

- F1 Powder Frits:
- Chestnut Opal
- Medium Amber Tr.
- Light Purple Trans.
- F2 Fine Frits:
- Khaki Opal
- Champagne O.
- White Opal
- Stone Opal
- Mauve Opal

APPROXIMATE CONVERSION:

1/4" ≈ 0.64 cm

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.

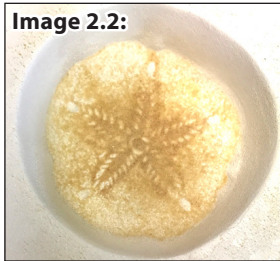
Please note that the fill weights listed for these frit cast pieces are less than their full fill weights. This is intentional to create thinner castings. The backs may appear bumpy when de-molded, but this will smooth out and help them stick to the tray in the final firing.



Sand Dollar



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



Sift or sprinkle **F1 Medium Amber** over the Chestnut.



Add **F2 Khaki** until about 1/4" full or holding around 20 grams.



Corals



Place F1 Medium Amber into the details.



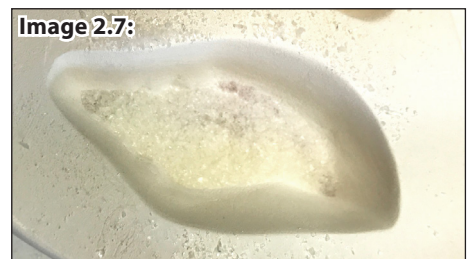
Add F2 Khaki until each is about 1/4" full. This is around 19g for the small and 25g for the large.



Shell #1
(Conch)



Sprinkle **F1 Light Purple** into the low areas at the tip of the shell and along the curved ridge.



Add a bit of **F2 Champagne** to the center then add **F2 White** (not pictured) until around 1/4" full, which is about 8 grams.



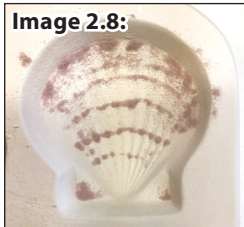
www.creativeparadiseglass.com

Creative Paradise Inc.

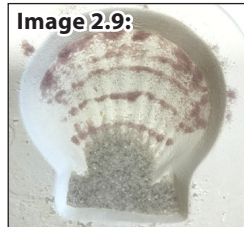
Shells and Coral (con't):



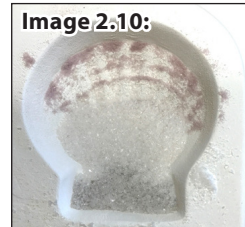
Shell #2
(Scallop)



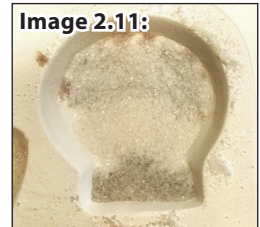
Add F1 Light Purple in curved horizontal bands across the shell and into the outer tips of the base.



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



Add a line of F2 Champagne above the Stone.



Fill the empty top layer with F2 White. Add F2 Khaki (not shown) until about 1/4" full or holding around 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

Creative Paradise Inc.★

Starfish & Seahorse (LF149):

Glass Needed:

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

APPROXIMATE

CONVERSION:

1/4" ≈ 0.64 cm



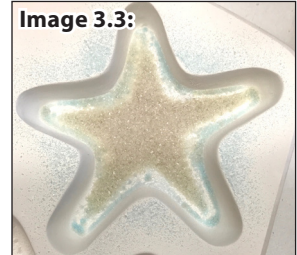
Starfish #1



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



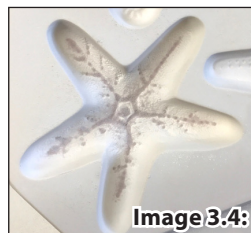
Sift or sprinkle **F1 Blue Topaz** over the Lemongrass and into some of the smaller spots.



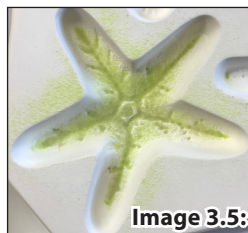
Add **F2 Khaki** to fill the lowest area, then add **F2 Almond** (not shown) until around 1/4" full (about 37g).



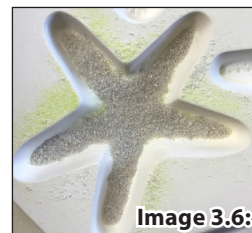
Starfish #2



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



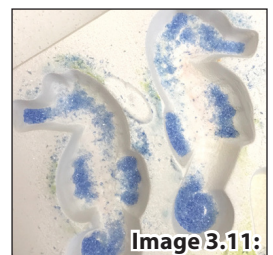
Place some **F1 Moss Green** along the spines, bellies, and tails. Add **F1 Blue Topaz** in the faces and fins and along the backs.



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



Sift or sprinkle a light coat of **F1 Crystal Opal** over everything.



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.

Creative Paradise Inc.

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.

Alternatively, finishing can be completed in two separate firings. Use **Table 1** or your own favorite tack firing schedule to attach the castings to the dry, slurried glass. Once fused and cooled, center the piece atop the treated GM97 and fire using your own gentle slumping schedule.



Image 4.1:



Image 4.2:

Table 1: Tack Fire *

Seg.	Rate	Temp (°C)	Hold
1	153	657	30
2	28	677	30
3	194	760	10
4	Full	510**	60

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

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

Table 2: One-and-Done *

Seg.	Rate	Temp (°C)	Hold
1	153	204	20
2	153	657	60
3	28	682	60
4	194	760	03
5	Full	510**	180
6	28	441	10
7	56	260	05

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

Featured Molds:



LF149 Starfish & Seahorse

Mold (cm): 22.9 L x 20.3 W
Castings (cm): 7 - 9.5



LF150 Shells & Coral

Mold (cm): 24 L x 15.5 W
Castings (cm): 5 - 8.9



GM97 Handle Tray

Mold (cm): 33 L x 17.8 W

Example 1:
(Same as Page 1)



www.creativeparadiseglass.com

Creative Paradise Inc.