

SUPPLIES & GLASS - Spot Coloring Project 1 - Lake Fish

Item	size/quantity	Link
Simple Screen Lake Fish	1	<a href="https://www.aeeglass.com/printing-on-glass/simple-screen/simple-screentm-pre-burned-lake-fish-design-for-screen-printing-and-powder-printing.html">https://www.aeeglass.com/printing-on-glass/simple-screen/simple-screentm-pre-burned-lake-fish-design-for-screen-printing-and-powder-printing.html</a>
EZ Fire Metallic Enamels of Choice	1 oz. jars	<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels.html</a>
EZ Fire Black Enamel	1 oz. jar	<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-black-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-black-enamel-by-fusemaster.html</a>
Red Sifters	1	<a href="https://www.aeeglass.com/catalogsearch/result/?q=enamel+%26+powder+sifter">https://www.aeeglass.com/catalogsearch/result/?q=enamel+%26+powder+sifter</a>
8"x8" Tekta	4	<a href="https://www.aeeglass.com/tekta-clear-bullseye-fusible-sheet-glass.html">https://www.aeeglass.com/tekta-clear-bullseye-fusible-sheet-glass.html</a>
Plastic Squeegee	1	<a href="https://www.aeeglass.com/catalogsearch/result/?q=squeegee">https://www.aeeglass.com/catalogsearch/result/?q=squeegee</a>
Bullseye Blue Gel	4oz. Bottle	<a href="https://www.aeeglass.com/bullseye-glastac-gel-4-oz-bottle.html">https://www.aeeglass.com/bullseye-glastac-gel-4-oz-bottle.html</a>
EZ Fire Pearl Metallic Enamel		<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-pearl-metallic-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-pearl-metallic-enamel-by-fusemaster.html</a>
BE Teal Opal Powder - 0144-0008		<a href="https://www.aeeglass.com/teal-green-opalescent-bullseye-glass-frit.html">https://www.aeeglass.com/teal-green-opalescent-bullseye-glass-frit.html</a>
BE Turquoise Opal 0116-0008		<a href="https://www.aeeglass.com/turquoise-blue-opalescent-bullseye-frit.html">https://www.aeeglass.com/turquoise-blue-opalescent-bullseye-frit.html</a>
EZ Fire Teal Enamel		<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-real-teal-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-real-teal-enamel-by-fusemaster.html</a>
EZ Fire Blue Enamel		<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-royal-blue-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-royal-blue-enamel-by-fusemaster.html</a>
EZ Fire Opaque White Enamel		<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-opaque-white-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-opaque-white-enamel-by-fusemaster.html</a>
BE Tomato Red Opal Powder 00024-0008		<a href="https://www.aeeglass.com/tomato-red-opalescent-bullseye-frit.html">https://www.aeeglass.com/tomato-red-opalescent-bullseye-frit.html</a>

SUPPLIES & GLASS - Cobblestone Plate - Project 2

Item	size/quantity	Link
Simple Screen Botanicals, Frog, Lizards or monstera leaf	1	<a href="https://www.aeeglass.com/printing-on-glass/simple-screen.html">https://www.aeeglass.com/printing-on-glass/simple-screen.html</a>
Silver Foil		<a href="https://www.aeeglass.com/pure-silver-foil-25-sheets.html">https://www.aeeglass.com/pure-silver-foil-25-sheets.html</a>
EZ Grass Green	1 oz. jars	<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-grass-green-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-grass-green-enamel-by-fusemaster.html</a>
EZ Real Teal	1 oz. jar	<a href="https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-real-teal-enamel-by-fusemaster.html">https://www.aeeglass.com/supplies/paints-amp-enamels/e-z-fire-enamels/ez-fire-real-teal-enamel-by-fusemaster.html</a>
Red Sifters	1	<a href="https://www.aeeglass.com/catalogsearch/result/?q=enamel+%26+powder+sifter">https://www.aeeglass.com/catalogsearch/result/?q=enamel+%26+powder+sifter</a>
8"x8" White Opal	1	<a href="https://www.aeeglass.com/bullseye-white-doubled-rolled-3-mm-glass.html">https://www.aeeglass.com/bullseye-white-doubled-rolled-3-mm-glass.html</a>
Squeegee		<a href="https://www.aeeglass.com/catalogsearch/result/?q=squeegee">https://www.aeeglass.com/catalogsearch/result/?q=squeegee</a>
Bullseye Blue Gel	4oz. Bottle	<a href="https://www.aeeglass.com/bullseye-glastac-gel-4-oz-bottle.html">https://www.aeeglass.com/bullseye-glastac-gel-4-oz-bottle.html</a>
12x12 Tekta		<a href="https://www.aeeglass.com/tekta-clear-bullseye-fusible-sheet-glass.html">https://www.aeeglass.com/tekta-clear-bullseye-fusible-sheet-glass.html</a>
1808-0030 Aqua Blue Tine BE Glass	5x10 or 10x10	<a href="https://www.aeeglass.com/bullseye-aqua-blue-tint-double-rolled-3-mm-glass.html">https://www.aeeglass.com/bullseye-aqua-blue-tint-double-rolled-3-mm-glass.html</a>
1807-0030 Grass Green Tine BE Glass	5x10 or 10x10	<a href="https://www.aeeglass.com/bullseye-grass-green-tint-double-rolled-3-mm-glass.html">https://www.aeeglass.com/bullseye-grass-green-tint-double-rolled-3-mm-glass.html</a>
1408-0030 Lt. Aqua Marine BE Glass	5x10 or 10x10	<a href="https://www.aeeglass.com/light-aquamarine-blue-transparent-double-rolled-3-mm-glass-10-x10-kate-macleod-supply.html">https://www.aeeglass.com/light-aquamarine-blue-transparent-double-rolled-3-mm-glass-10-x10-kate-macleod-supply.html</a>
1137 Medium Amber Frit	5oz. Or 1lb.	<a href="https://www.aeeglass.com/medium-amber-bullseye-transparent-frit.html">https://www.aeeglass.com/medium-amber-bullseye-transparent-frit.html</a>
Scooper Tweezers		<a href="https://www.aeeglass.com/awesome-frit-and-tweezer-scooper.html">https://www.aeeglass.com/awesome-frit-and-tweezer-scooper.html</a>
Awesome Tile Nippers		<a href="https://www.aeeglass.com/premium-tile-glass-nippers.html">https://www.aeeglass.com/premium-tile-glass-nippers.html</a>

## Simple Screen Printing on Glass w/ Tanya Veit - Part 2

Project 1 - Spot Coloring Lake Fish

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### Quick Step Guide:

- Flatten BE Tekta clear glass (Video 1. Refer to firing schedule.)
- Screen print Lake Fish in EZ black enamel. Sinter the enamel (Video 1. Refer to sinter firing schedule.)
- Add wet, mixed metallic enamels to the NON-Enamel printed side. Sinter the enamel (video 1. Refer to sintering firing schedule.) This firing is optional. You could skip the wet metallic enamels if desired and go right to the powder.
- Using a tiny sifter, add Bullseye opal powders for your color designing.
- Add dry metallic enamel using a large holed sifter. Mash the enamel up in the sifter with the end of a paintbrush or pen. Once the enamel is down, select a third opal color (or use the ones you already have) and cover the dried enamel. Use the medium red sifter for this.
- Do not sift down more than two full layers of powder. Make sure powder is evenly laid down. No “pitcher’s mound.” This will cause serious issue with bubbles when stacking the plates later on.
- Tack fuse the powder and dry enamel to the fish. Powder side up. Use schedule A in these notes.
- Refire the plate into a thick block or any fusing composition you choose. Remember, the fish must be capped in the end if you are full fusing. Otherwise, the image will be fuzzy if you take it to a full fuse without protecting the enamel. Follow schedule B in these notes for a full fuse with a cap to protect the enamel.

### Note Worthy Tips for Using EZ Fire Metallics:

- If you are using EZ Fire Metallics to actually screen print a design, the enamel must be mixed thick, just like the fudge reference in the Part 1 Video.

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- If you are using EZ Fire Metallics to sponge on, paint or spot color, use extra medium to mix the enamel to a thinner consistency. This also holds true if you use enamels to create a background as I did in the video for the fish.
- Try mixing Pearl metallic into your cool colors to make an iridescent shade of that color. Use the gold, coppers for the hot tones.
- DO NOT clear cap EZ fire enamels. They wash away as shown in the video.
- EZ fire enamels fire best on the surface of the glass at temps over 1400.
- Tip: You may full fuse and apply the metallic enamels and fire at the same time. Make sure the enamel is on top and not encased.

### **Firing Schedule A - Tack Fuse Powder & Enamels to Glass**

This schedule assumes your glass is 3mm thick and is under 12" x 12"

400 - 1000 - 30 min.

400 - 1300 - 10 min.

Full - 900 - 45 min.

OFF

### **Firing Schedule A - Full Fuse Schedule for clear capped color plates**

This schedule assumes your glass is 9mm - 12 mm thick and is 12" x 12" or smaller.

250 - 1000 - 30 min.

60 - 1255- 75 min.

600 - 1440 - 45 min. (or until full fused)

Full - 900 - 2 hours

80- 800 - 30 min.

100 - 700 - 0

OFF

## Simple Screen Printing on Glass w/ Tanya Veit - Part 2

Project 2 - Cobblestone Plate or Bowl

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### Quick Step Guide:

- Start on a white opal or light colored opal glass. DO NOT USE FRENCH VANILLA. It is highly reactive with silver foil and your base and silver will turn brown and muddy. You can use cream, almond opal instead.
- Using BE blue gel and a paintbrush, apply silver foil seam to seam. Try not to overlap. Use index cards to handle and cut the silver.
- Sift a very light of French vanilla powder on top of the silver. Hold the sifter 6" high. One tap and move on. A very small amount.
- Cut out the enamel screen printed design you are using into a cobblestone shape using a black sharpie. Paint the BE blue gel onto the back of each cobblestone you use. THE ENAMEL DESIGN MUST BE PLACED UP!!!!
- Continue to cut the cobblestones using the black sharpie. Let cobblestones hang over the edge a bit for an organic look. Paint each with BE blue gel and put down onto the silver & fr. Vanilla powder base. Push the piece onto the base and pull back up to cause a veining effect with the powder. You will not be able to see this very well, just know that it is working. This will cause a cool cracks and veining effect and the powder will react with the silver foil.
- Add your transparent dots where necessary between the gaps. You make these dots by full fusing pieces of coarse frit.
- "Grout" your areas with BE medium amber frit in medium grain. #1137
- Do not full fuse this piece. This is supposed to be textured. If you fire too high, you will blur the enamel designs on the cobblestone. Do not go over 1380 - 1400. Start low in your kiln. If your kiln fires hot, start lower than that. You can always re-fire if necessary. I fuse mine to 1400 for 6 minutes. See schedule below.
- The glass I used in the video is Lt. Aquamarine 1408-0030, Aqua Tint 1808-0030, Grass Green Tint, 1807-0030. Sulfer based glasses will turn the silver foil black or amber. If you want the silver to stay "silverish" stay with blue and light tint family. The tints are perfect with this technique. If AAE goes out of stock on these glasses,

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there are some great substitutes that will give you the exact same look and slight reaction. Those glasses are:

1409-0030 - bronze

1414-0030 - sky blue

1416-0030 lt. turquoise

1429-0030 lt. silver gray

1818-0030 Indigo Tint

1826-0030 green tea tint

1864-0030 - gray blue tint

1841-0030 - spruce tint

18770030—olive tint

#### **Firing Schedule for Soft or Contour Fuse**

This schedule assumes your glass is 6mm thick and is under 12" x 12" in size

300 - 1000 - 30 min.

60 - 1255 - 45 min.

600 - 1380 - 10 min. (this may have to be adjusted to your kiln)

Full - 900 - 90

100 - 700 - 30