

Project Guide

Stamped Mosaic Decorative Bowl

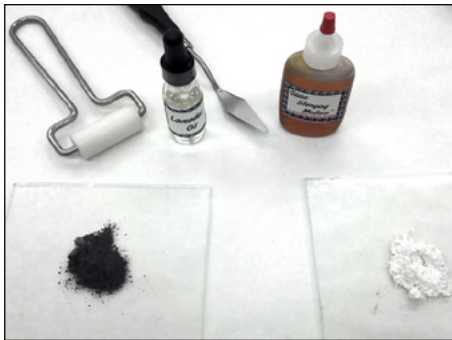
by Erica Biery Collins

Glass Cutting: **Straight cutting**

Firing: **Quick-Fire, Full Fuse, Slump**



Stamped glass pieces add a unique decorative touch to this mosaic bowl. Customize your version with a different color scheme, or by adjusting the sizes and shapes of the mosaic pieces, or the size or shape of the project itself. Note that this is a multi-step project that requires pre-fusing of the stamped pieces.



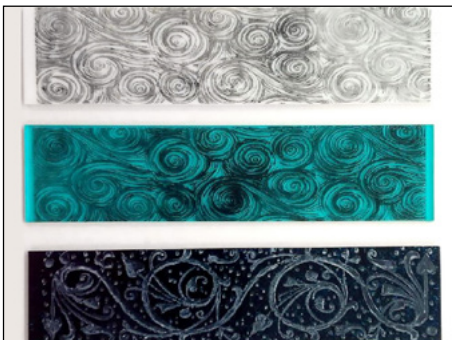
1. Preparation: You will need the stamping supplies listed in the Materials section on page 2. Gather those materials along with the glass colors you will be using. Cut several 2 x 7-in. strips in each of your colors (or size your glass to correlate with stamps you have). Aventurine strips can be quick-fired to a Tack fuse to smooth out the surface for easier stamping. See **“Fast Tack”** Schedule on page 2.



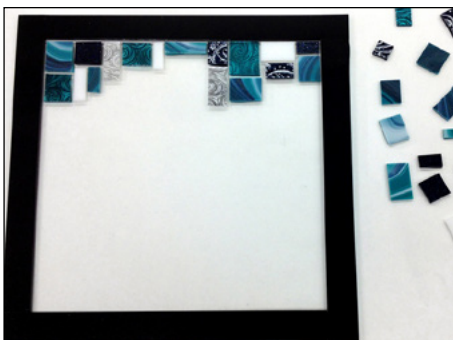
2. Mix Black and/or White hi-temperature powdered enamels with the Stamping Medium to a thick and creamy consistency. If necessary, thin with the Lavender Stamping Oil. (A small square of glass works well as a mixing palette.) Using a brayer, roll the ink onto one of the rubber stamps.



3. Carefully place the glass on top of the stamp. Apply light pressure, then flip the stamp and glass over, laying it back on the table. Remove the stamp slowly as shown in the photo. Repeat with all the glass you intend to stamp. (The rubber stamps shown here were originally made to emboss clay and have no wood backing.)



4. The stamped pieces need to be fired to set the ink. (See the **“Ink Setting”** Schedule on page 2.) After strips are fired and cooled, cut lots of random-sized squares and rectangles from each and also from your coordinating glass colors. Don't skimp on the number of stamped pieces because you will be putting together a puzzle and you want a nice variety of options.



5. Cut a 12 x 12-in. Clear Base and four 1 x 11-in. Black strips for the border. Place the four Border strips around the perimeter of the Base. Begin placing pieces of random sizes and colors onto the Base, mosaic style. Build your pattern left to right, top to bottom and leave an approximately 1/8-in gap between all pieces. When your design is complete, adhere pieces to the Base by dripping inexpensive hair spray into the gap near each piece using a small bottle with a narrow tip. (See Tips & Tricks for more info.) Allow to dry overnight.



6. Fill in the 1 1/8-in. spaces with Fine Black Frit, using a foam paint brush to sweep it into the gaps and off the glass surfaces. Carefully spritz with inexpensive hair spray to hold the Frit in place. Allow to dry before moving. Full Fuse and Slump into a deep 12-inch mold. We used Slumpy's mold #BB-SM-186-P

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Materials We Used

Glass:

100S-ICE-F Clear
 1009S-F Black Opal
 532-1S-F Caribbean Blue Transparent
 200S-F White Opal
 138AV-F Aventurine Blue
 Peacock/White/AV Blue Fusers' Reserve™
 F2-56-96 Black Fine Frit
 PAPYROS® Kiln Shelf Paper

*Stamping Supplies:

Fuse Master Lead Free Powdered Enamels (or other hi-temp enamel paints)
 Stamping Medium
 Lavender Stamping Oil
 Roller and Brayer
 Decorative Rubber Stamps (those featured here are 2 x 7-in.)



*You may have some stamping supplies on hand, but all stamping materials listed are available on Erica's website: www.glassbyerica.com — or check with your glass supplier or local craft store. Note that both the Stamping Medium and Lavender Stamping Oil referred to here have been developed especially for glass use, but there are other mediums/methods available that may work for you as well — this guide reflects the technique as taught by Erica Biery Collins.

Tips and Tricks: A cutting system such as the Morton Portable Glass Shop works very well for a geometric design such as this. The type of small bottle we used to drip hair spray can be found at craft or ceramic supply stores if not available at your supplier (see photo at right). Hair spray, as an adhesive, sets quickly, holds well, and burns off. We specify inexpensive hair spray simply because cheaper products usually contain less fragrance, conditioners, etc. White Rain works well.



Type of bottle that we used to drip hair spray

Fast Tack Schedule We Used

Seg.	Ramp (°C per Hour)	Goal Temp (°C)	Hold Time (Minutes)
1	138	565	15
2	138	760	15
3	9999*	510	60
4	83	426	10
5	166	37	0

NOTE: The schedule above is designed to smooth out single layers of textured glass. It is *not* recommended to fuse a 2-layer project.

Ink-Setting Schedule We Used

Seg.	Ramp (°C per Hour)	Goal Temp (°C)	Hold Time (Minutes)
1	166	565	15
2	166	648	1
3	9999	510	20
4	111	426	10
5	166	37	0

NOTE: The schedule above is designed to set ink on stamped glass. It is *not* recommended to fuse a 2-layer project.

Full Fuse Schedule We Used

Seg.	Ramp (°C per Hour)	Goal Temp (°C)	Hold Time (Minutes)
1	138	565	40
2	83	676	20
3	138	796	10
4	9999*	510	60
5	83	426	10
6	166	37	0

Slump Schedule We Used

Seg.	Ramp (°C per Hour)	Goal Temp (°C)	Hold Time (Minutes)
1	138	121	15
2	138	565	30
3	83	665	15
4	9999*	510	60
5	83	426	10
6	166	37	0