

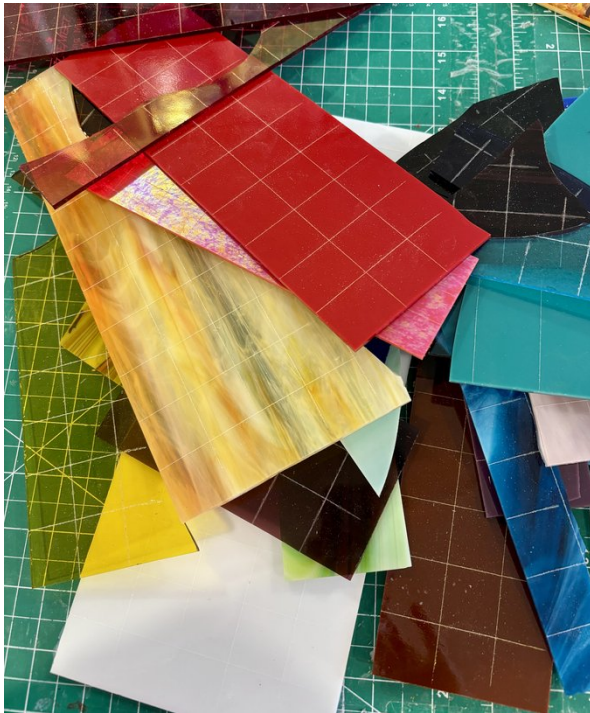
STRIPED HEARTS

By
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Striped Hearts

These hearts are easy to do and a great way to use up lots of colorful scraps. If you have a large order of hearts, these are quick and easy to



do. You can use opal as well as transparent glass.

Step One:

Score many colors of glass into 1 inch square pieces.

As you can see, I used many colors of my smaller pieces of glass into 1 inch pieces.

Step Two:

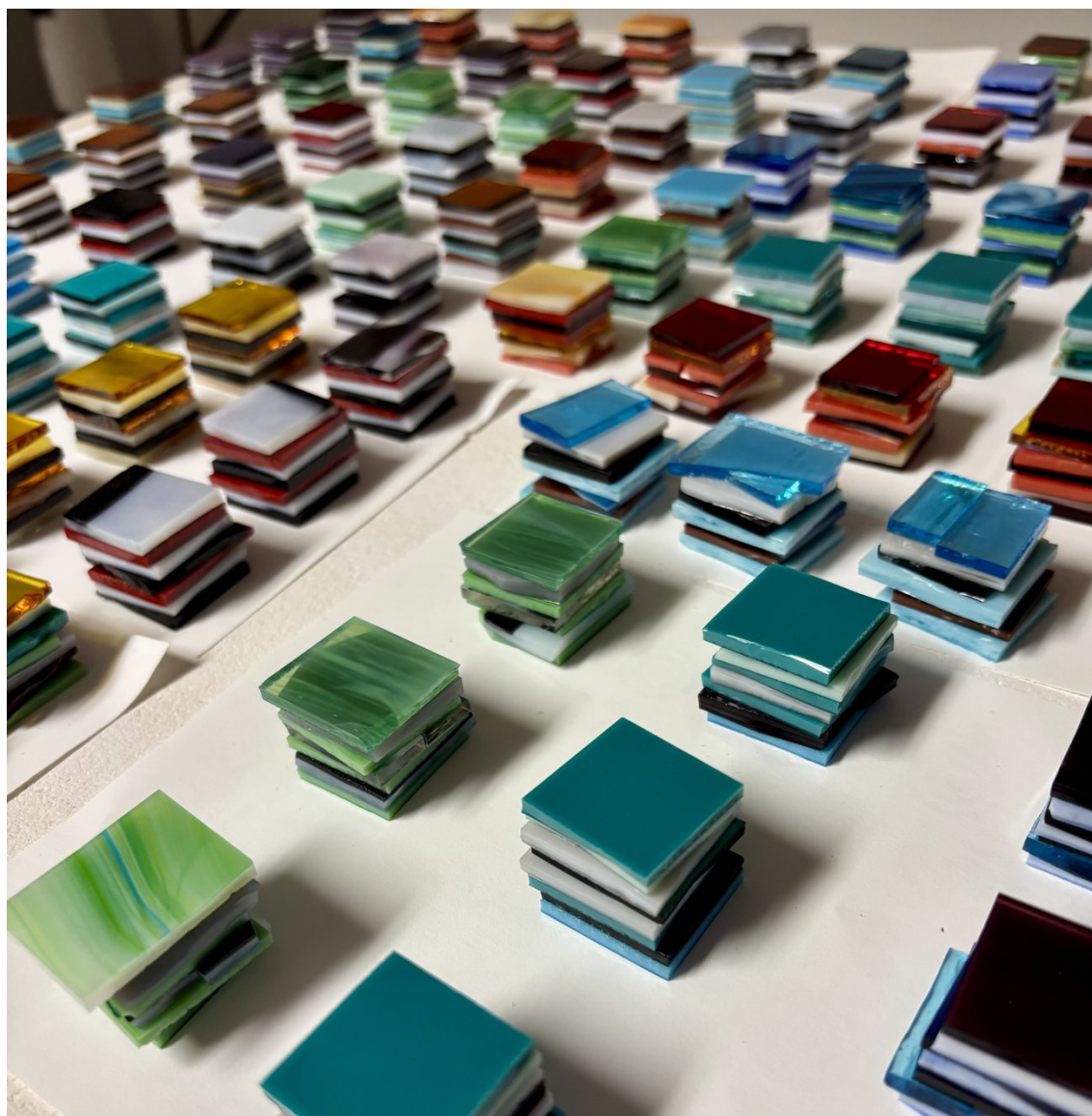
Stack the assorted colors into stacks of 7 pieces. As an added interest, think about reactive colors such as French vanilla and turquoise. Colors can done in color families or contrasting colors. I usually make several loads of hearts at one time.





Fire the stacks at a light tack schedule.

Step 1	Ramp	Setpoint	Hold
1	400°	900°	5
2	150°	1200°	15
3	AFAP	1320°	10
4	AFAP	900°	60
5	100°	800°	30
6	300°	150°	1



Step Three:

Place the chunks of glass into the heart shapes. (Yes, it is that easy!). Sometimes I put a little bit of clear medium frit around the chunks of glass. I usually do not use more than a teaspoon of frit per heart. Note: If the chunks do not lay level, it is no problem. Look at the photo on the right. It was slightly tilted. So, the glass flowed to fill in the heart.



Here are the 100 glass blocks that are out of the kiln. Notice how the light tack firing did not melt the glass down. The glass is just lightly tacked together with the stacks still in tact.

Step Four:

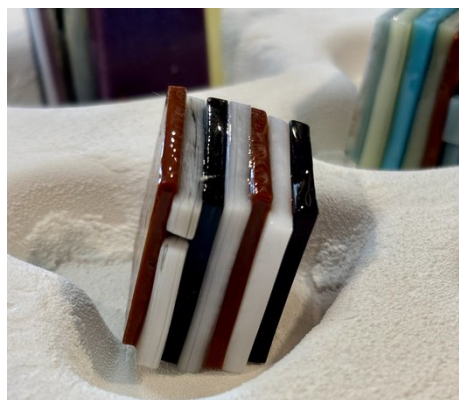
Place the pieces in the heart mold. This is the easiest step yet! Simply lay the glass block on it's side. Please look at the pictures below. You will notice that I have



two half pieces of blue for one layer. (Yes, I like to use all of my scraps!). Since I do not want a break in my striped design, I simply rotate the glass so that when looking down on the piece, you will see full strips of

glass.

There is one other consideration when placing the blocks into the heart mold. Sometimes the blocks are not level. (See the red, white and black block.) I make a decision to which color I want to flow to the outer edges. For this example, I have a choice of red, which is on one side, and black,



which is on the other side. Since I want the red to flow more, I lean it so the red will fill into one of heart lobes.

With the turquoise and French vanilla example, you can see that I leaned it so that the turquoise would

flow more into the heart.

NOTE: When deciding how many layers of one inch squares to use, I looked at the recommended weight Creative Paradise (mold number LF241) suggested. It is 31g. Since I use ounces, I just did a simple conversion. $31\text{g} = 1.0935\text{ oz}$. Seven layers of one inch squares equals to

31	=	1.09349		1.14	=	32.31846
Gram		Ounce		Ounce		Gram

$1.14\text{ oz} = 31.3\text{ g}$. So, I know the glass will flow into the entire cavity of the mold.

Step Five:

Clean the heart mold and apply with a high quality boron nitride spray (like ZYP).

Step Six:

Fire the pieces. Here is the firing schedule for the hearts. I know I have a long anneal for my hearts. But I want to protect the mold and the glass. According to the manufacturer, do not fire higher than 1480° . Otherwise you could damage the mold.

Have fun!!!!

Step	Ramp	Setpoint	Hold
1	300°	1100°	45
2	275°	1225°	60
3	275°	1450°	20
4	AFAP	950°	120
5	100°	750°	60