



REACTIVE MURRINI PATTERN BAR

You will need:

-FUS GM156 Murrini Mold
-Zyp Glass Separator Spray
-COE96:Vanilla Cream, Alpine Blue, Turquoise
Green sheet glass. Red Reactive Clear
Stringers.

Glass manufacturer's make glass products that are designed to create interesting reactions when they come in to contact with other glass colors that bear copper. In this project we use **COE 96** Vanilla Cream and copper bearing glass in a murrini rod mold to make interesting patterns.

Making and Cutting the Murrini Pattern Bars

Prepare a Creative Paradise, Inc. FUS GM156 Murrini mold with Zyp Boron Nitride spray. Make sure to apply the spray to each wall and base of each cavity in the mold. Allow the spray to dry.

Cut 6" long strips of widths ranging as wide as 1/2" and as thin 1/4" from Vanilla Cream, Turquoise Green and Alpine Blue sheet glass. (Image 1). Other glass colors can be used to create a reactive effect with Vanilla Cream. Red Reactive Clear Stringers can also be used with interesting results.

Place strips of Vanilla Cream, Turquoise Green and Alpine Blue in the cavities of the Murrini mold. Lay the strips leaning at various angles in the mold to create the most interesting patterns (Image 2). Place Red Reactive Clear Stringers in the cavity where it will come in to contact with the Turquoise Green or Alpine Blue strips (image 3).

Fill each cavity with a different arrangement of the strips of glass and stringers. A strip can be placed flat in the floor of the Murrini mold cavity and another placed upright and another leaning at an angle until the cavity holds about 45 grams of glass (Image 4). If too much glass is placed in the cavity, the murrini bars will be too thick to cut with a standard mosaic nipper.

Place the filled mold in a kiln and fire using the firing schedule found in Table 1.



Creative Paradise Inc.



Image 1

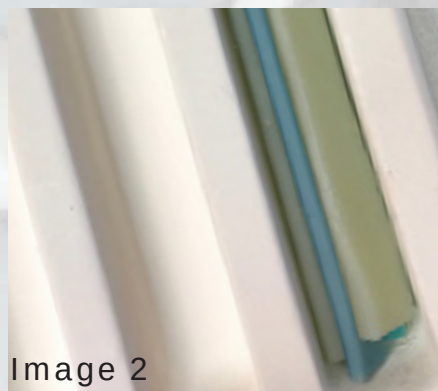


Image 2

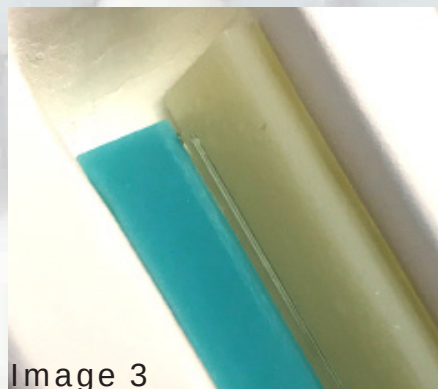


Image 3

Table 1 Full Fuse

Segment	Rate	Temp	Hold
1	275	1215	45
2	50	1250	30
3	350	1470	20
4	9999	950	90
5	100	750	05

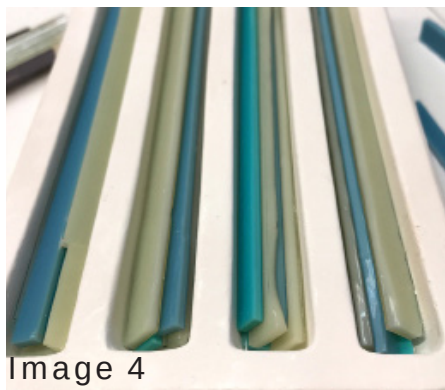


Image 4

Use a mosaic nipper to nip sections off of the fused murrini rods. Each rod should reveal a slightly different pattern (images 5 & 6). Nip off sections that are approximately 1/4" thick.

It can be helpful to place the rod down on a flat surface and place the mosaic nipper at the base of the rod to nip the bottom section of the rod off (image 7). This will help you to make even nips on the murrini roll and prevent the nipped piece of murrini from flying off.

Have some fun rearranging the nipped pieces to create interesting patterns. The glass piece featured in this tutorial features a strip of murrini pieces placed in a pattern laying end to end in an alternating pattern as seen in Image 9.



Image 5

Using the Murrini Pieces to Make a Pattern Bar Dish

You will need:

- Creative Paradise, Inc. FUS GM123 Patty Gray Dam Mold, Zyp, Mosaic Nipper, Zyp, Glass Cutter, Papyrus paper.
- COE96 Clear glass, Alpine Blue, Black.
- Diagram 1 in this tutorial.

To completely merge the pattern pieces together, one option is to fuse more than three layers of glass together in a dam mold, pushing the murrini pieces together snugly.



Image 6

To create the dish featured in the Title Photo on page one of this tutorial, use the FUS GM123 6" Patty Gray dam mold. Treat the mold with Zyp spray and allow the spray to dry. Place a 6" piece of Papyrus paper in the bottom of the mold. Place a 6" square of glass with the corners nipped off, on top of the kiln shelf paper in the mold.

Cut 8 strips of Black sheet glass at 3/4" x 5 3/16" and 4 pieces of Alpine Blue at 1 1/16" x 4 1/2". Place the Black strips in the bottom of the dam mold on top of the clear glass, as shown in Diagram 1. Place the second layer of black strips over the the first layer of black strips such that the top layer of black strips covers the joints between the bottom layer of the black strips as shown in Image 11. Place the stacked Alpine Blue pieces in the mold as indicated in Diagram 1 and Image 12.

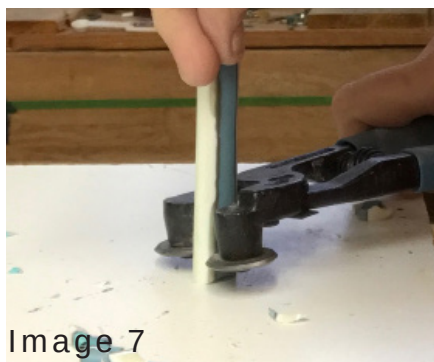


Image 7

Place the murrini pieces in the gap between the Alpine Blue sections of glass on top of the clear glass in the mold, recreating the pattern you created outside of the mold (image 13). You may find it necessary to use the mosaic nipper to slightly trim an end of a couple of murrini to place them in the space given.

Fire the project using the firing schedule found in Table 1.



Image 8



Image 9

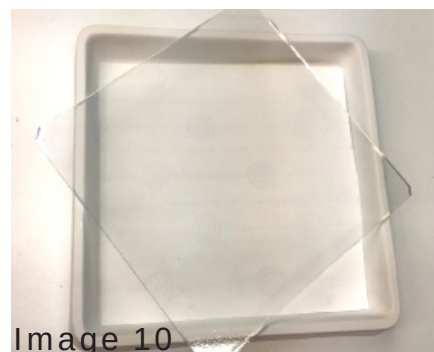


Image 10



Image 11

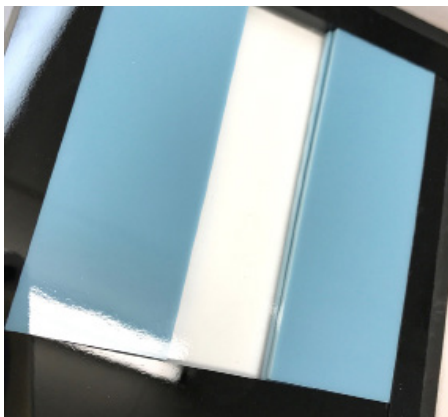


Image 12

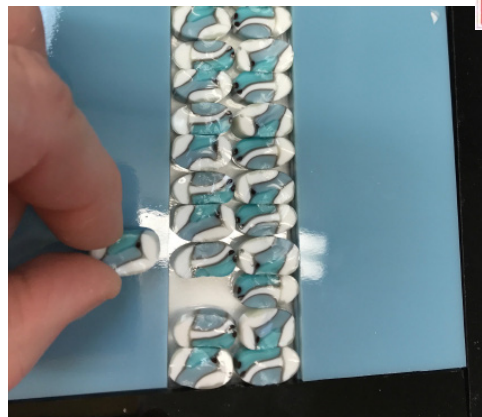
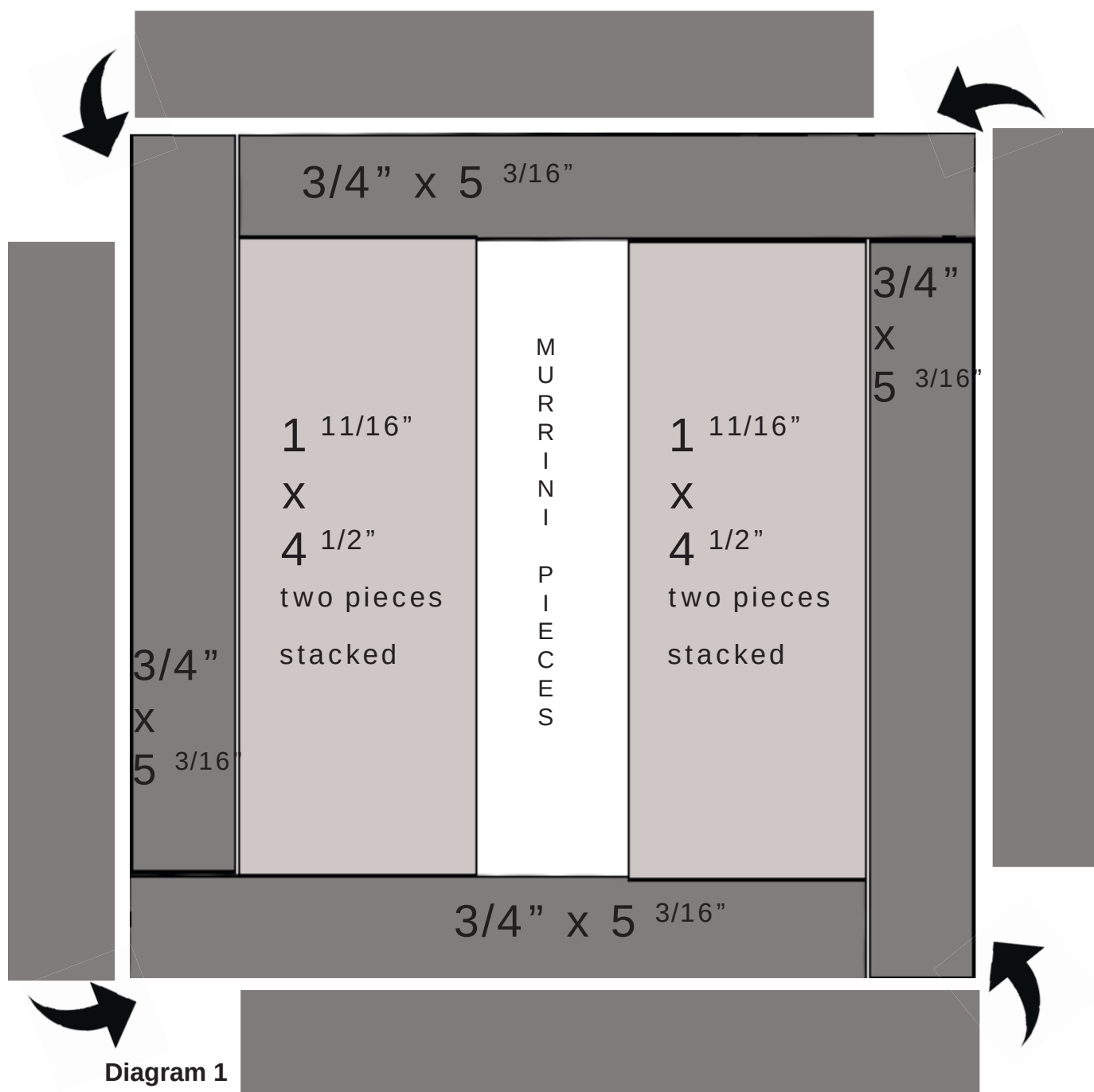


Image 13



BELOW ARE SOME OTHERS WAYS YOU CAN CREATE USING THE FUS GM156 MURRINI MOLD.



Non reactive glass with murrini pieces placed in a random busy pattern. Fused in a GM180 Patty Gray Dam Mold.



Reactive glass with reactive murrini pieces placed in a random pattern Fused in the FUS GM180 Patty Gray Dam Mold.



Use the schedule found in Table 2 to slump the reactive murrini glass in FUS GM02 7" sushi mold.



Murrini earrings!



Murrini pieces (ontop) fused using the schedule in table 1 to create murrini cabochons (pictured underneath) that can be used in other glass projects or can be used alone as earrings.



Reactive murrini pieces fused with reactive glass and placed in a large repetitive pattern. Fired in the FUS GM123 Patty Gray Dam Mold.

Table 2 Slump Schedule			
Segment	Rate	Temp	Hold
1	275	1215	45
2	50	1250	10
4	9999	950	90
5	100	750	05