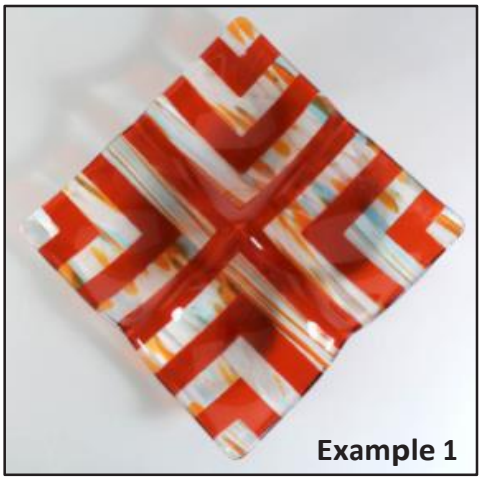
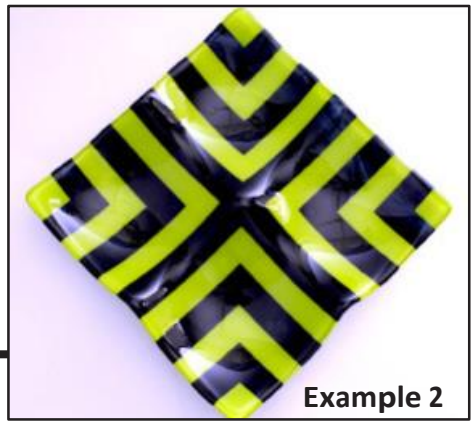
Art Glass Supplies
Create Inspire Fuse

Quad Chevron Swoop Slump


Example 1

Materials:
- GM142 Quad Swoop Slump
- Fusible Compatible Sheet Glass:
  - Two Colors of Your Choice
  - Standard Thickness Clear
- Suitable Glass Separator/ZYP
- Glass Cutting Tools
- Kiln Shelf Paper
- Spray-On Adhesive (Optional)


Example 2

Begin by selecting your glass colors. All examples in this tutorial use COE96 glass. **Example 1** used Transparent Rust and a Fuser's Reserve Streaky while **Example 2** used Black and Lemongrass. Any complimenting colors will work, as long as they're fusible and compatible!

Cutting and Patterning

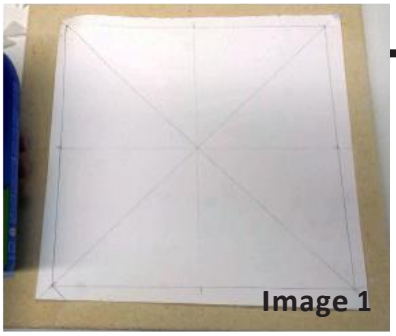


Image 1

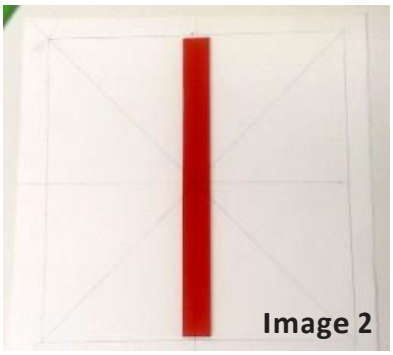


Image 2

To create the chevron pattern, you'll need multiple even strips of glass. See the lists below for the length, width, and how many of that strip you'll need. "W" means width and "L" means length.

From Color 1:	From Color 2:
One Strip: 9" L x 13/16" W	Four Strips: 4 1/16" L x 13/16" W
Two Strips: 4 1/16" L x 13/16" W	Four Strips: 3 1/4" L x 13/16" W
Four Strips: 3 1/4" L x 13/16" W	Four Strips: 2 7/16" L x 13/16" W
Four Strips: 2 7/16" L x 13/16" W	Four Strips: 1 10/16" L x 13/16" W
Four Strips: 1 10/16" L x 13/16" W	Four Strips: 13/16" L x 13/16" W
Four Strips: 13/16" L x 13/16" W	

As you cut your strips, it's helpful to label them with their lengths as seen in **Images 3 and 4** on **Page 2**. This helps keep everything organized.

After your strips are prepared, cut a 9.25" square of Standard Thickness Clear sheet glass and a 10" square of Kiln Shelf Paper.

Place the Clear glass on the paper and trace around it with pencil. Use a straight edge to draw lines from corner to corner in both directions so your square has a large "X" in the middle. Fold the square in half or use a ruler to find the middle point on each edge of the square, then use the straight edge again to create lines between the midpoints to mark the vertical and horizontal centers of the square. See **Image 1** for a photo example of this pattern.

To help keep the glass in place as you use the pattern, you can apply a coat of spray adhesive such as Loctite to the Kiln Shelf Paper.

Center the 9" long strip of Color 1 on the vertical center line on your pattern, as shown in **Image 2** on **Page 1**. Place the two 4 1/16" long strips of that same color along the horizontal center line of the pattern, with one on each side of the 9" long strip.

Continue placing the strips in each quadrant as indicated in **Images 3 and 4**. Note that the top corner of each strip should be placed on the diagonal line to keep everything in line.

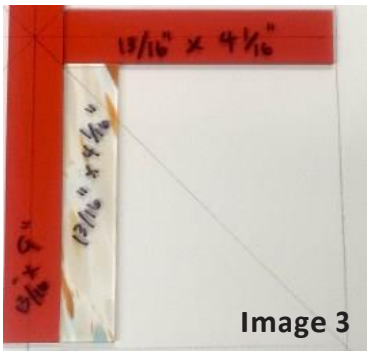


Image 3

Finishing and Firing:

Once your strips are in place, clean off any markings and center the 9.25" square of Clear on top of them. There should be roughly 1/16" of overhang of Clear over the edge of the strips. If your strips aren't perfectly aligned at the edges due to measuring or cutting variances, this overhang should help compensate during the fusing process and result in a smooth and relatively straight edge on the finished product.

Carefully move the project to a level shelf in the kiln and fire to a Full Fuse using the suggested schedule in **Table 1** or your own preferred Full Fuse schedule. While the glass is fusing, treat the GM142 well with suitable glass separator. We recommend using spray-on ZYP. If using a spray-on separator, make sure to wear a mask during application.

Once the glass is fused and cooled and your mold primed, center the fused glass blank on the mold and Slump using the suggested schedule in **Table 2** or your own favorite Slumping schedule.

*It's important to know your kiln before you fire to see if you need to adjust our suggested schedules. For our tips on how to learn about your own kiln, please click here for our Important Firing Notes!

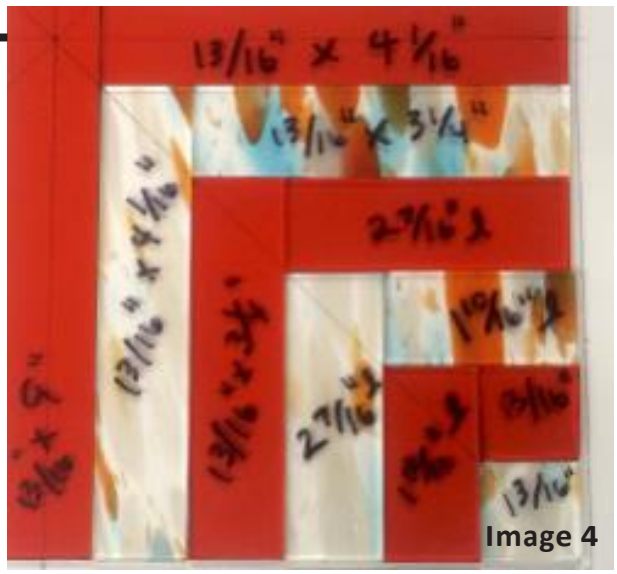


Image 4

A Note on Strip Width:
The GM142 is a 9" x 9" square. The chevron pattern in this tutorial is 10 strips of glass across, so dividing 9" by 10 strips produces a strip width of 13/16". Other widths of strip and other patterns will certainly work, you'll just need to adjust the amounts and lengths accordingly.

Table 1: Full Fuse*

Segment	Rate	Temp (°F)	Hold
1	275	1210	30
2	50	1250	30
3	350	1470	10
4	9999	950**	60
5	100	500	05

**If using COE90, adjust this to 900°F

Table 2: Slump*

Segment	Rate	Temp (°F)	Hold
1	275	1210	30
2	50	1250	30
3	9999	950**	60
4	100	500	05

**If using COE90, adjust this to 900°F