
Online project:
Drawer Pulls

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For Diamond Tech



Fused glass creates one-of-a-kind drawer pulls. They are so artful,
you may want to replace all of your cabinet knobs!

Materials

- *Fuseworks:*
 - Clear Sheet Glass, one piece
 - White Sheet Glass, one piece
 - Millefiori Slices, nine pieces
 - Green Confetti
 - Green and Yellow Frit
 - Kiln Paper
 - Microwave Kiln
 - Glass Cutter
 - Three Round Drawer Pulls
 - E6000 or other glass/metal glue
 - Paper towel, water, lint-free cloth, corrugated cardboard, pliers, hammer, plastic spoon, hot mitts, ruler, microwave
- For product information, see sources on page 77.*

Instructions

Note: This project requires the use of a microwave oven being used at extremely high temperatures, as well as the cutting of sharp objects. Please exercise care and caution.

1. Measure and mark the following glass sheets:
 - Clear: one 1" circle
 - White: one 1" circle
2. Clean glass using a paper towel moistened with water. Completely dry the surface of the glass with a lint-free cloth.

3. Circles can be scored freehand or with a glass cutter. First, score the circle, making sure that you start and stop the score line at the same point.

4. Turn the glass over onto a piece of corrugated cardboard with the score line facedown. With your fingers, press along the score line until you see the score line "runs" completely around the circle.

5. Turn the glass over to the side you scored. Score several tangential cuts off the circle (see **Fig. 1**).

6. Break these tangential scores with your hands or pliers. The circle should break clean and have no rough or jagged edges.

7. Next, cut a 2" square piece of Kiln Paper. Remove the lid from the Fuseworks Kiln. Place the Kiln Paper on the Kiln base.

8. Layer the glass on the Kiln Paper. Start with the 1" white circle. Next, sprinkle a small amount of Green Confetti over the clear. Sprinkle a little Green and Yellow Frit on the white base. Complete the design by placing three Millefiori slices within the glass design where you feel it will have the most impact. Cover with the clear 1" circle. **Note:** If your Confetti is too large for your piece, place Confetti between two sheets of paper and gently tap with a heavy object such as a hammer. Use a plastic spoon to scoop up the Confetti and apply to the surface of the

Continued on page 2.

Drawer Pulls

Continued from page 1.

glass. **Do not grab the broken Confetti with your fingers, as shards will cut you.**

9. Carefully set the Kiln base inside the microwave. Cover base and glass with Kiln lid.

10. Fuse at full (100%) power for 2 minutes and 30 seconds. **Note:** All microwave and Kiln combinations will have different firing patterns. Be sure to take careful notes and log all fusing times for future use.

11. After time has expired, open microwave and use hot mitts to carefully lift the lid enough to inspect the fusing process. Add additional time in 30-second increments until desired results are achieved. Remove Kiln from microwave using the hot mitts and place on a heat-resistant surface. Cool the Kiln on a heat-resistant surface for at least 30 minutes with the lid on. Removing the lid or peeking under the lid during the cooling will result in your piece cracking. **Glass remains hot for a long time and should be handled with great caution.**

12. When cool, adhere the glass circle to a Round Drawer Pull using a glass adhesive such as E6000 Adhesive. Allow to dry according to glue manufacturer's instructions. To install, hold the glass knob on the outside of the drawer and secure in place using the screw enclosed in the knob package. ❁

Fig. 1

