



Thick Channel Pendants

Use GM74 Dam Mold to create many intriguing multicolored fused glass pendants.



Apply suitable glass separator to mold according to the manufacturer's instructions. (Creative Paradise, Inc recommends a Mold EZ by Hotline as the glass separator to use on all casting and fusing molds.) Line the bottom and interior walls with Thin Fire paper. Cut a 2.5" x 6" piece of fusible clear glass and place it in the bottom of the mold on the Thin Fire paper. Cut a 1/4" x 6" piece of 1/8" fiber paper and place this strip of fiber paper in the mold on the piece of clear glass, approximately 1/2" from the top of the mold.

Cut assorted fusible compatible pieces of glass to fill as one base layer on top of the clear piece of glass up to but not over the piece of fiber paper. To help keep the fiber paper in place, place 1/2" strips of assorted glass above the fiber paper in the mold as indicated in photo2.



Begin covering the base layer and fiber paper with random pieces of opaque, transparent and dichroic (clear and black) pieces of fusible, compatible glass. Allow the various pieces of glass to overlap each other in areas and leave some of the clear dichroic turned dichroic side up. Place pieces of clear and light shades of transparent on the top of the decorative layer. Leave some areas of dichroic exposed to create diversity on the finished piece. At this time there are three to 4 layers of glass in the mold.

Fire the mold filled with glass using the following firing schedule:

Rate 1 - 275/hour Temp 1- 1360 Hold 1 - 20 minutes
Rate 2 - 500/hour Temp 2 - 1470 Hold 2 - 5 minutes
Rate 3 - AFAP Temp 3 - 960 Hold 3 - 60 minutes
Rate 4 - 100/hour Temp 4 - 820 Hold 4 - 5

After the kiln has cooled naturally invert the mold to demold the glass.



Using a suitable glass cutting saw and diamond crusted blade, cut across the end of the glass bar to reveal the cross section of glass and the channel created in the glass by the enclosed fiber paper.

Continue to cut across the bar to create 2.5" long pieces of glass in the widths desired. If desired, also cut a thin section of glass from the top and bottom of the cut pieces to completely square off the glass sections.



Experiment with various widths and lengths of glass slices and find interesting designs to capture in one slice. Place the sliced pieces in a small vessel filled with water to prevent the ground glass on the cut edge of the glass from drying. Once you have cut your glass pieces, use soap and water and a tooth brush or other device to scrub the ground glass residue from the cut edges of the glass. Rinse the soap from the glass.



Use a thin wire or toothpick to remove the wet fiber paper from inside the channel. Dry the pieces of glass and place dry fiber paper pieces inside the channel of glass. Place the glass pieces on a piece of Thin Fire paper in a kiln and fire using the following firing schedule to fire polish the cut edges:

Rate 1 - 400 Temp 1 - 1000 Hold 1 - 20 minutes
Rate 2 - AFAP Temp 2 - 1300 Hold 2 - 5 minutes
Rate 3 AFAP Temp 3 - 960 Hold 3 - 60 minutes