

FIRING DICHOIC GLASS

Dichroic glass **must** be fired in a kiln - unfortunately it can not be done on a gas cook top.

For safety you should always wear safety glasses when cutting glass.

Always fire on ceramic paper so the glass doesn't stick to the fibre board. I usually use a double layer.

1. Cut your glass with glass cutters and then use glass pliers to 'snap' apart. If you want to 'stack' different colours of glass, use glass fusing glue to hold the pieces together, so they don't slide around while you are putting them in to the kiln. If you are stacking colours darker colours generally look better on the bottom, with the lighter colours on top. Clear glass can also be added to the top layer for a glossy, 3-dimensional effect.
 2. Wash the glass with detergent to remove any oil or grease. Dry.
 3. Put the glass on ceramic paper and on a fibre board in the kiln when the kiln is cold and then turn up the heat to 780-800oC.
 4. Once the kiln reaches (780oC or)800oC, open the door slightly and check the shape of your piece. You may want to hold the kiln at this temperature for 10 minutes to allow for a more rounded shape.
 5. Once you are happy with the shape of your piece, turn the kiln off and wait for the kiln to cool down.
 6. If you are covering your piece with Art Clay Silver also, this happens after the glass has been fired. Cover with clay or syringe to decorate and then allow to dry. Make sure there is no Art Clay dust on the glass - clean the glass prior to putting in to the kiln again.
- Once again, place your piece in the cold kiln on ceramic paper and set the kiln at 650oC. Hold at this temperature for 30 minutes and then turn off the kiln and wait for it to cool down again. Polish and voila!

Tips

If you need to take out your piece prior to the kiln being cold, wait for the temperature to reach 450oC and then hold the door open slightly until the kiln reaches 200oC and then quickly take out your piece and cover it with some fibre blanket/cloth.

If you place your piece in a hot kiln or take it out of the kiln when it is still hot, you risk the glass cracking.