

# Casting with KL-Board Mold Blocks - a Petra Kaiser © Project

Last week I tried a few casting projects and did not have to make any new molds. Every single piece of Kaiser Lee Board mold can double as a casting mold. Usually I used a solid drop mold with a center cut out for my castings - but this time I wanted to see if we are going to have any seepage with the mold blocks from the new book.

The second challenge was the use of window glass - found objects which we found in the "trash" - so I think this would qualify as a recycled glass project. While I prepared the float glass - cutting and cleaning - the devitrification problem popped up in my brain. Since I do not have any devit spray prepared (the borax is used for laundry now) I gave it a try without it.

And look at the result - no devitrification problem, no bubbles, no seepage - KL-Board is just too easy to work with, isn't it.



## Step by Step Instructions

Cut 8 pieces of float glass 3" x 4" or any rectangle or square you want. Then clean the glass and set aside.

Use 1 or 2 pieces of the glass to apply the decal (our decal paper comes with instructions)

Fire the glass with the decal to 1300 - careful when you clean it after firing don't rub the design it might come off.

Use your kiln shelf and some building blocks and set up a rectangle of 3" x 4" or the size you cut your pieces.

Place 2 pieces of float glass into the opening than one with the decal design, cover with one or two clear layers and if you have a second glass with design this one next and top it with the remaining glass pieces. You can add some float glass frit to add color, but be careful that it won't cover up your design.

Place the set up in your kiln and fire it



Here is the firing schedule I used:

1. Go up **900° F/hr (500° C)** to **1000° F (540° C)** hold for **20 minutes**.
2. Go as fast as possible to **1550° F (840° C)** and observe -
3. Go down as fast as possible to **1010° (550° C)** and anneal for 2 hours.
4. Go down **200° F/hr (90° C)** to **450° F (230° C)** hold for **1 minute**.
5. Turn kiln of and let cool to room temperature slowly - do not open lid and don't take it out for another 6 hours. If it still feels hot on the outside, it is even hotter inside.

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