

How To... Kilncarving



Produces two 10x10cm finished pieces with plenty of left over fibre for future projects.

In the kit:

2 x 6mm Fibre Paper
20x15cm
3 x 3mm Fibre Paper
20x15cm
2 x 3mm Iridised Glass
10x10cm
2 x 3mm Clear Tekta Glass
10x10cm
Craft Knife
Bullseye Kilncarving Tipsheet
Template Sheet

You may also need:

Dust Mask
Kiln Shelf
Kiln
Bullseye Thinfire Paper
Glass Cleaner
GlasTac Glue
Pen or Pencil
Cutting Mat

Tips:

Iridised glass works well with this technique, but try it with other glass styles too.

Experiment with deep and shallow mould designs to see the different effects they produce.

Try using the cut-outs from the fibre paper mould to create a second mould with the pattern inverted.

Check out the Bullseye Kilncarving Tipsheet for more ideas and advice.

Need more help? Take a look at the Knowledge Base on our website.
www.warm-glass.co.uk



Kilncarving is a technique for easily creating a carved, bas relief look to your glass. There is no need to engrave or otherwise cold work the glass, as this effect is achieved by simply melting the glass into a shallow mould made with layers of fibre paper.

This kit contains enough glass to make two 10x10cm kiln-carved tiles with plenty of leftover fibre paper for other projects. We suggest using our template to make your first tile, and then try creating your own design for the second tile.

To make a kiln-carved tile:

1. Using the template sheet, cut out the designs in the 3mm fibre paper with the craft knife and layer to create your simple mould. Place onto a prepared kiln shelf. Use a dust mask when handling fibre paper.
2. Put the iridised glass iridised side down, onto the mould.
3. Place the clear Tekta square on top of the iridised glass.
4. Fire using the fusing schedule below.
5. Once cooled, any fibre paper stuck to your fired piece can be removed with a toothbrush under a running tap.

Now try making another tile with your own design!

Kilncarving Firing Schedule (for 6mm glass thickness):

Segment	Rate (Degrees/hour)	Temperature	Hold
Segment 1	222°C (400°F)	677°C (1250°F)	30 minutes
Segment 2	333°C (600°F)	804°C (1480°F)	10 minutes
Segment 3	999°C (AFAP)	482°C (900°F)	60 minutes
Segment 4	83°C (150°F)	371°C (700°F)	End