



Shoji Screen Lamp

Streamer glass is accented and framed with black glass "noodles" to create a look that is reminiscent of Japanese rice paper screens.



Here's an outline of the project: First, the streamer glass is cut into strips. These strips and black glass noodles are fused to two white glass rectangles. Next, the resulting panels are slumped over Colour de Verre's 10" Oval Panel Former. The final step is attaching the panels to the 10" Oval Hardware Kit.

Assemble the Panels

Cut two pieces of white sheet glass each 9" tall and 10¼" wide. Next cut 22 strips – each 9" by ¾" – of the Black Streamer Bits on Clear glass. Use glass nippers to cut the Black noodles to 9".

Place one of the White, glass rectangles on a kiln shelf protected by kiln wash or kiln paper.



Alternate noodles and the glass strips on the rectangle. (In our lamp, we placed Black noodles at both ends. The glass strips may have to be trimmed since the width of the Black noodles varies slightly.)

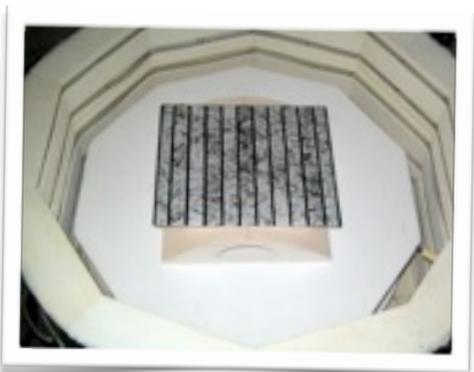
Secure key pieces in place with white glue. This makes the kiln shelf easy to transport to the kiln. It will burn off in the kiln's heat.



Repeat above procedure for the second panel. Fuse panels using the Fusing Schedule below as a general guide.

Forming the Panels

The fused panels must next be shaped using the 10" Oval Panel Former.



Start by cleaning the 10" Panel Former with a stiff nylon brush and remove any old kiln wash. Then give each Panel Former four to five thin, even coats of Hotline Primo Primer. It is the only primer we recommend because it always releases and is easy to remove after firing. Use a soft brush to apply the primer and a hair dryer to completely dry each coat before applying the next. The mold should be completely dry before using.

The instructions that come with the panel former illustrate how to position the panel. If the instruc-

Availability

Colour de Verre molds are available at fine glass retailers and many online merchants including our online store, www.colourdeverre.com.

Tools

- ✓ 10" Oval Panel Former
- ✓ Glass nipper and cutter
- ✓ Large priming brush

Supplies

- ✓ Hotline Primo Primer
- ✓ Uroboros Black Streamer Bits on Clear sheet glass
- ✓ White Opal sheet glass
- ✓ 24 Black noodles
- ✓ 10" Oval Lighting Hardware

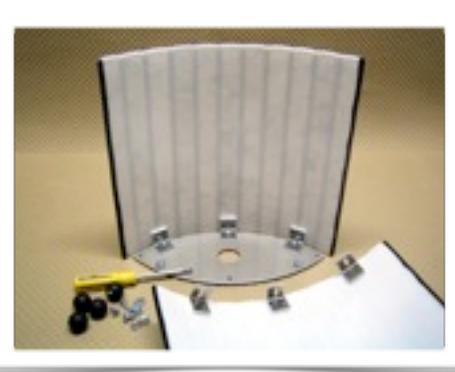
tions have been lost, no problem. Copies can be found at our website, www.colourdeverre.com. Fire according to the Forming Schedule below.

One thing that can't be stressed enough: Don't rush the slump firing. Between the noodles, strips, and sheet glass there is a variation in the panels' thicknesses. They require a slow ramp and cool down to avoid thermal shock.

Mounting the Panels

Instructions to mount the panels onto the 10" Oval Lighting Hardware can be found in the hardware's box, but, briefly, here are the steps.

The L-brackets are attached to the base. The panels are attached to the L-brackets using the special adhesive pads that come packaged with the hardware.



After curing 24 hours, the top brackets are installed. Again, the lamp is left for 24 hours so the adhesive can cure.

The last step is to choose a bulb that complements the design. The lamp is complete. Again, full, illus-

trated assembly instructions are included with the Hardware Kit. Replacement instructions can also be found at the Colour de Verre website

Variations

There is no reason that another glass combination can't be substituted for Black Streamer Bits on Clear and the White Opal Glass combination. Visit Colour de Verre's website and download "Successful Lighting Projects" for suggestions and tips.

Fusing Schedule*

Segment	Ramp	Temperature	Hold
1	250°F/140°C	1250°F/675°C	30 minutes
2	250°F/140°C	1375-1400°F/745-760°C	10 minutes
3	AFAP	960°F/515°C	60 minutes
4	60°F/35°C	700°F/370°C	Off. No venting

* Schedule for COE 96. For COE 90, increase casting temperature by 25°F/15°C. AFAP means "As Fast As Possible", no venting.

Forming Schedule*

Segment	Ramp	Temperature	Hold
1	150°F/85°C	300°F/150°C	None
2	200°F/110°C	1200-1225°F/650-660°C	10 minutes
3	AFAP	960°F/515°C	60 minutes
4	60°F/35°C	700°F/370°C	Off. No venting

* Schedule for COE 96. For COE 90, increase casting temperature by 25°F/15°C. AFAP means "As Fast As Possible", no venting.