

⊕ Quick Tip: Kilncarved Billet



Create a textured block of glass using ceramic fiber paper and the right amount of heat! Almost any shape is possible: letters, numbers and more.

Design with texture:

In the kiln, the billet conforms to your fiber paper design. Note that the glass will take on the texture of the fiber paper and the kiln shelf.

Color considerations:

Any billet will work, even Curious billets. Lighter saturation styles are a good choice to display with the smooth side facing out.



Plan a design based on the billet dimensions, approximately 10" x 5" x 0.75" (127 x 254 x 19 mm).



To make this design, we started with an image on paper and cut it out to make a stencil.



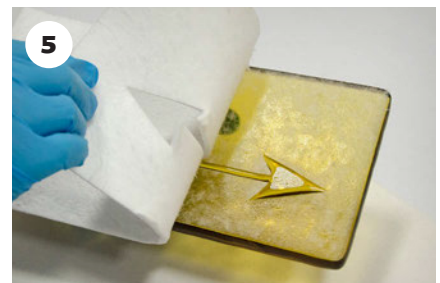
Trace the design onto 1/8" fiber paper (7036) and cut it out using an X-Acto knife. For a raised design, oversize the fiber paper by 0.5" on each side to keep the billet from flowing over the edge.



Arrange the fiber paper on a primed kiln-shelf. Clean the billet and load it on the fiber paper. Fire with the schedule below.

Rate	Temperature	Hold
150°F (83°C)	1000°F (538°C)	:30*
600°F (333°C)	1375°F (746°C)	:10
AFAP	900°F (482°C)	3:00
45°F (25°C)	800°F (427°C)	:00
81°F (45°C)	700°F (371°C)	:00
270°F (150°C)	70°F (21°C)	:00

*For color development in gold-bearing styles (1823, 1824, 1831), we recommend a 2:00 hold at 1225°F (663°C).



Be sure to wear respiratory protection as you peel away the fiber paper. Remove any residue with a scrub pad or nylon brush and water.

Image at the top: A kilncarved billet in a wall-mounted [Glass Bracket \(8619\)](#). Kilncarving results in various thicknesses, so you may need to add [Bumpsons \(8402\)](#) for a better fit.