



Kaleidoscope Triangle Pattern Bar Mold



Stainless Steel molds are the most durable mold in the Fusing world. Fiber and ceramic molds can crack with multiple firings but stainless steel can endure unlimited firings.

Prepare The Mold

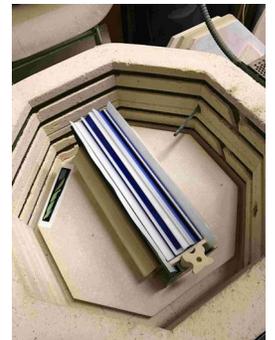
The first thing to do with a new mold, is to fire it in the kiln to 1200 °F, empty, to burn off any oils from the manufacturing process. This will also make it easier to apply kiln wash.

Kiln wash the mold or use 1/8" or heavier fiber paper on the inside of the mold and place 1/8" thick fiber paper triangles at the ends. This will keep the glass from sticking to your mold. Thin Fire paper can slide down with the glass.

Cut pieces of fusible glass about 12" long and as wide or as narrow as you want and place them in the mold.

You can dam up the end to accommodate the shorter lengths with fiber board or kiln paper and a piece of fire brick.

Place the mold in the kiln and fire to full fuse. This firing schedule may need adjusting to work with your kiln. Each kiln has it's own attitude and may vary in temperature.



Pattern Bar Fusing Schedule

Rate per/hr	Temp	Hold
500 °	450	25 min
500 °	1235	30 min
500 °	1460	30 min
AFAP	950	5 hrs
25 °	800	0
50 °	500	0



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Create your finished project

When your pattern bar is fully cooled, use a diamond blade wet saw to cut the bar into slices, approximately 1/4" or 6-7 mm thick.

Design your project with your beautiful new glass slices and fire to full fuse. You can fill any small gaps with frit if necessary.

Plate Firing Schedule

Rate per/hr	Temp	Hold
500 °	450	25 min
500 °	1235	30 min
500 °	1460	30 min
AFAP	950	3 hrs
50 °	800	0
Cool to room temperature		

