

Getting Started

Selecting Shape & Preparing the Mold



Step One: Preparing the Mold

CHOOSING A SHAPE



Molds: You have 4 shapes to choose from:

- tear drop, oval, circle and square.

Step One: Preparing the Mold

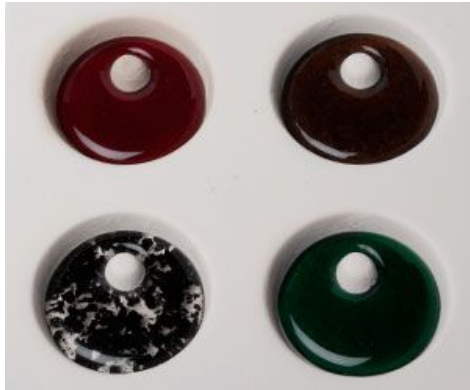
CHOOSING A SHAPE



Molds: tear drop & oval

Step One: Preparing the Mold

CHOOSING A SHAPE



Molds: circle and square.

Step One: Preparing the Mold

KILN WASH



Prepare your kiln by applying kiln wash to the molds

Kiln wash prevents the glass from sticking to the kiln during firing.

Step One: Preparing the Mold

KILN WASH



*We have two types of kiln wash.
One is a spray. But it is expensive.
Runs \$27.00 a can.*



*The other is cheaper and brushes
on like paint -*

*Both have the same release results
with pendants due to the shape of*

Step One: Preparing the Mold

CHOOSE WHICH KIND OF KILN WASH

Hi-Temp 1800 mold release agent is a spray

It contains Boron Nitride which acts as a primer for slumping and fusing molds.

On ceramic molds apply one coat thoroughly and let dry overnight Holds up well for multiple firings.



Step One: Preparing the Mold

KILN WASH

- If it is not applied correctly your project will be covered with kiln wash after it is fired.
- If your mold has flakes of old kiln wash on it - you will need to sand the mold down first.
- Use fine steel wool to remove any old kiln wash-NOT SANDPAPER scratches in the mold will show up on your design.

Step One: Preparing the Mold

CHOOSE WHICH KIND OF KILN WASH

Apply one coat
thoroughly and let dry
overnight



Step Two: Filling the Mold

Once you know the colors you will use- use a small spoon to put the glass in the mold.



Step Two: Filling the Mold

If the design has a "bump" in the mold for creating a hole in the fused design,
hole in the fused design,
Be sure to leave the area clear.



Step Two: Filling the Mold

Be sure to leave the area clear.

And don't go above the mold.

Use a paint brush to sweep off stray fragments



Step Two: Filling the Mold

Before: The hole is almost covered by frit

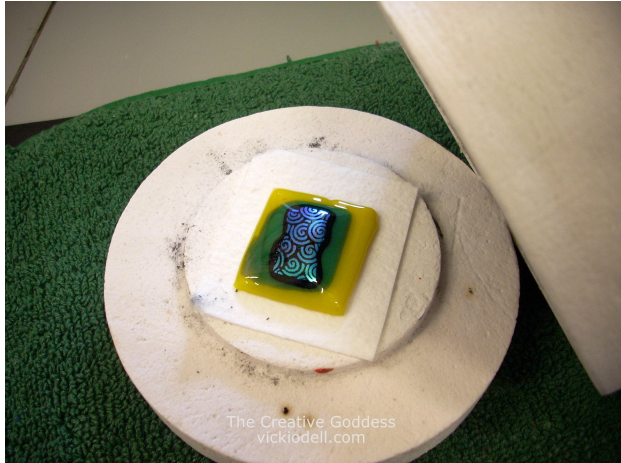


Notice how the frit melted the hole is rough and jagged.



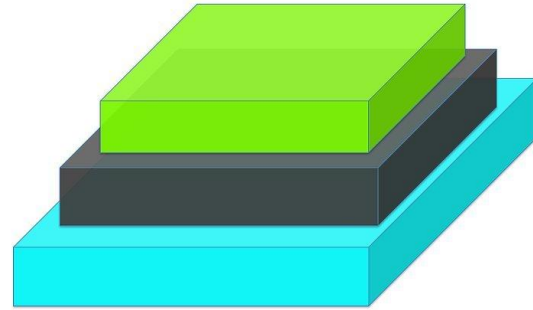
You will have to use a special tool or dremel to remove the sharp areas. Wear safety glasses when sanding glass.

What if I don't want to use a mold?



Free Form

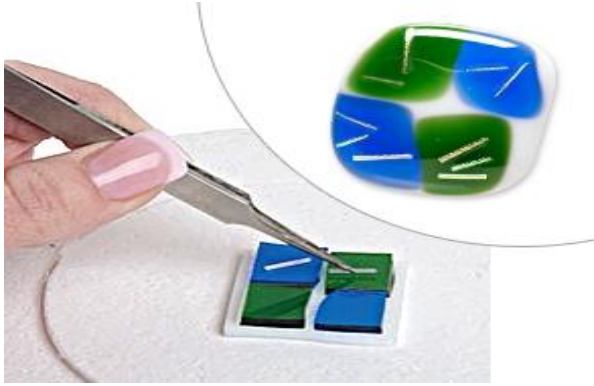
1. Follow this 3 layer rule
2. Coat the mold with kiln wash- the mold is a flat square tile. Build your work in the center of the tile. Kiln shelf paper can also be used under the project (if we have any)
3. You can stack up to 3 layers.
4. Put the larger cut piece on the bottom as a base
 - i. Add a little glass glue to hold pieces together
5. Stack rods, stringers or another smaller piece of cut glass in the middle
 - i. DON'T use FRIT between free form pieces
 - ii. Add a little glass glue to hold pieces together
6. Stack a smaller yet piece on the top, this could be millefiori, confetti, stringers, rods, large coarse frit pieces or another smaller piece of cut glass.
7. Carefully set into the kiln



[wiki: How to Make a Stacked Fused Glass Pendant](#)

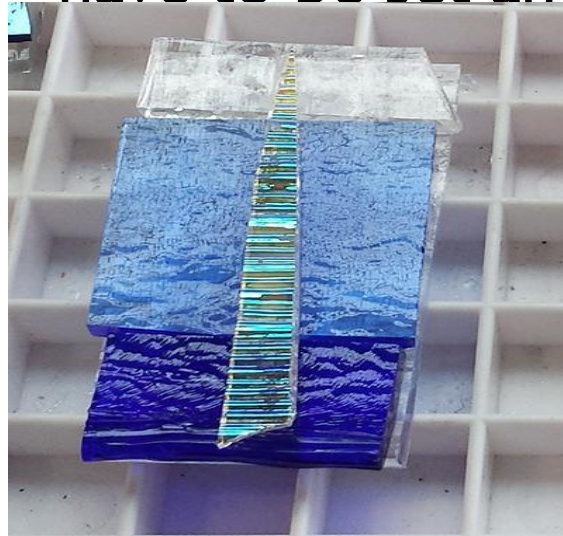


Free Form & Not using the Mold



Bring in tweezers from home and use glass glue to hold them in place.

Some small pieces of glass will have to be set and glued.



Video on what if I don't want to use a mold?



Pros-

- You can be core creative unique designs
- You can work by yourself

Cons-

- Takes longer you can only fire one piece at a time
- You don't know how it is really going to turn out

How to finish your fused glass project

Removing Kiln Wash From Fused Glass

- When fusing glass in your kiln, if your kiln wash is not properly applied and sanded before firing, your pieces will come out of the kiln with a coating of kiln wash on the back of them that is nearly impossible to scrub off with soap and water.
- Trying to remove baked on kiln wash from the underside of a glass piece can be one of the most frustrating experiences for the warm glass artist

How to finish your fused glass project

Removing Kiln Wash From Fused Glass

1. Vinegar. Soaking the glass in distilled white vinegar (a mild acid) overnight will often help the kiln wash come off with a minimum of scrubbing.
2. After soaking use sandpaper, steel wool or a metal brush to remove any remaining kiln wash.
3. Worst case scenario you will have to use the dremel or glass grinder to remove the kiln wash.

How to finish your fused glass project

Getting it ready to put on necklace

1. Once the glass is clean, you may have to glue a bail onto the back.
2. You can make one with wire
3. One of the prefabbed ones.
4. Glue will need to dry overnight.
5. Glue is kept on my...

