



*Creative Paradise Inc.*



## Bottle art

Use your old wine bottles to make great pieces of glass art for your home or for gifts to others.

If you have access to a kiln and glass bottles, you can make some very interesting art pieces!

Re-Shaping glass bottles in the kiln has been a popular craft for many years. Creative Paradise, Inc. produces many great molds to help kiln owners to create really interesting and creative art from just about any glass bottle.

### **The following moulds can be used to create unique bottles:**

- Creative Paradise, Inc. moulds CPGM197, CPGM159, CPDT26, CPGM65 and CPGM92

### **You will also need:**

- ZYP
- Glass bottles
- Devitrification spray



### **Ensure your mould is well primed before use**

By using a primer this will prevent the glass sticking to the mould and potentially damaging the mould and the glass, make sure you use a small brush for detailed areas and dry thoroughly.

Creative Paradise highly recommend using ZYP a Boron Nitride spray due to the high temperatures required, this easy to apply spray can fire up to 982°C. Several light coats with a short waiting period of around 15 minutes between coats is preferable to one heavy coat. Shake the can well before use and hold the can upright while using to assure proper distribution of product. You will need to apply one light coat each time you fire.

# The process

## 1 Clean the bottles

The first order of business when slumping bottles is to clean the bottle. Soaking the bottle in water can help make any label easy to take off. There are many "recipes" in the field for removing labels from bottles. At Creative Paradise, Inc. we typically soak the bottle in water for several hours and then use a blade to scrape off the paper portion of the label and then use a fine grit sanding block in water to remove any adhesive. Sometimes a solvent such as turpentine or a commercial "goo" remover might be necessary to remove stubborn adhesive.

## 2 Apply a devitrification spray to the bottle

After the bottle is clean and dry, a solution should be applied to one side of the glass bottle to prevent the devitrification of the glass.

Devitrification is a slight fog or haze on the glass which can happen when some bottles are heated in a kiln. At Creative Paradise, Inc. we use the product "Super Spray" to prevent devitrification on all bottles heated in a kiln. It is important to only apply the solution to the side of the bottle that will be facing up away from the kiln shelf or mould in the kiln. You can easily apply the Super Spray with a sponge onto the bottle. In this flyer you will see many intriguing kiln-worked bottles shaped using Creative Paradise, Inc. moulds. It is not necessary to fuse your bottle flat before slumping/texturing. By each image you will find information about the Creative Paradise, Inc. moulds used to create the piece. Unless otherwise indicated, the firing schedule used to shape the bottle in the kiln was in the table below.

## Bottle Firing Schedule

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	166°C/hr	to 665°C	0:45
2.	166°C/hr	to 732°C	0:15
3.	AFAP* OR 9999°C/hr	to 798°C	0:05
4.	AFAP* OR 9999°C/hr	to 510°C	1:00

\*AFAP = as fast as possible, some controllers will not allow a rate of 9999°C /hr

\*\*It is important to use as little heat as possible to drape over ceramic moulds. Too much heat in this segment can cause the glass to cling too tightly to the mould. Adjust this temperature if needed for your kiln.

Note:

This data is a guide only, firing programs may need to be adjusted according to size and thickness of glass and the kiln's performance. Ensure that data is entered into the controller accurately, otherwise glass may not fuse correctly or paint will not fire onto the glass as desired. Creative Glass Guild sells all glass, tools and materials on the basis that customers have the knowledge and ability to use them safely and in accordance with all relevant regulations and legislation.

## The moulds



1.5 litre wine bottle  
dropped through  
GM197 Drop Out  
Mould.

Increase hold in  
segment 3 to ten  
minutes.



750 ml wine bottle fired  
on GM159 Tree Of Life  
Slump.



750 ml wine bottle fired  
on DT26 Sailing Texture.



Two 750 ml wine bottles  
fired on GM65 Double  
Bottle Slump.



750 ml wine bottle fired  
on GM92 Swirl Pattern  
Bottle Slump.