

Beautifully Texture Slumped Bottles

Creative Paradise Inc.



DT16 Fleur De Lis Texture



Molds featured: DT03 Koi Texture, DT08 Peacock Texture, DT11 Fern DT14 Art Nouveau texture, DT16 Fleur De Lis Texture, DT26 Sailing Texture, DT12 Cherry Blossom Texture, GM161 Neck Only Slump

Materials featured: empty 750 ml wine bottles, Super Spry Devitrification Solution, Boron Nitride Spray or other glass separator, Soft Fan Brush, 100-120 grit foam sanding block and water.

A minimum kiln chamber size of 16" square is recommended

Begin with empty wine bottles. Lighter shades of wine bottles will create more visible textures. If you soak the wine bottles in water for several days prior to removing the lable, you will find the task easy (image 1). We have a collection of wine bottles that we chose to store in buckets of water with a bit of dish washing soap in the water. This allows the lables to slide off easily. Place the bottle in water and remove the paper or vinyl portion of the lable with a sharp blade or knife (image 1 & 2). Most adhesives can be removed by sanding the bottle with a fine grit foam sanding block (image 2). The glass will not be abraded in this process but typically the adhesive will be removed. If you find particularily stubborn adhesive on the bottle, there are a good number of solutions that can help to remove the adhesive. Turpentine, Goof Off (other brands as well) Ammonia and WD-40 have been found to work. You will find a good number of techniques to remove labels with a Google search . The techniques mentioned above are ones that have proved successful for us.

After the label is removed and the wine bottle is dry, place the bottle upright with the side-seams on either side and not facing forward. Pour a bit of Super Spray or other devitrification solution in a small vessel. Dip a soft fan brush or haik brush into the Super Spray and brush the solution on the front only starting from the bottom, of the wine bottle (image 3). Make sure the solution is applied solidily from side seam to side seam. If any solution rolls under the bottle or onto the back side of the bottle, carefully wipe the solution back so it is only appearing on the front half (image 4 & 5). If the solution is under the bottle during the firing process, it will leave a white residue on the bottle. There

are other brands of pre-mixed devitrification solution on the market that will work as well. You can also find recipes for making your own devitrification solution. It is important to apply devitrification solution onto every wine bottle you slump to avoid the haze caused by devitrification on many wine bottles after they are heated.

Apply a quality glass separator to the molds you will be using to texture and shape the wine bottles in the kiln. We use a high quality Boron Nitride spray (be warned there are brands out there that contain too little boron nitride to be used at the temperatures given in this tutorial). Other glass separators can be used. If you are using a water based glass separator it is wise to allow the water to evaporate from the mold before using the mold with the glass.

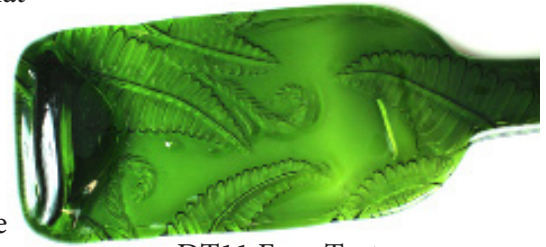
You can “candle” the molds by placing them on the top of a kiln that is running. It is not necessary to do this to molds treated with the boron nitride spray. Take care to apply any of the glass separators to all angles of the texture in the texture mold.

Place the texture mold on a level kiln shelf in the kiln. If you are using the Neck Only mold to elevate the neck of the bottle, while texturing the body, place the Neck Only mold on the texture mold. It may be necessary to place a 1/2” kiln post under the portion of the Neck Only mold that is hanging off of the texture mold for support. This depends on where you place the bottle on the texture tile.

You may elect to flatten and texture the entire bottle and not elevate the neck of the bottle and forgoe the use of the Neck Only mold.

Place the wine bottle on the texture mold (with the neck held in the Neck Only mold if using) with the devitrification-solution-side of the bottle, facing up. Position the bottle such that it is over the desired area of the texture and within 3/4” of the outside edge of the texture tile on the sides. Fire the project in the kiln using the firing schedule below:

Rate F/C	Temp F/C	Hold
300/149	1210/654	45
50/10	1250/677	30
300/149	1320/716	15
9999/5537	1480/804	10
9999/5537	950/510	60



DT11 Fern Texture



DT08 Peacock Texture



DT26 Sailing Texture



DT12 Cherry Blossom Texture