

Textured Koi Bowl and Fountain

Begin by thoroughly treating the DT29 Koi Texture with MR97. Remember to turn the mold at different angles to coat the various dimensions of it. It is better to have too much MR97 than to have too little. Allow the MR97 to dry on the mold before going forward (20 minutes should do it).



Use glass that is fusible and compatible throughout the project. Using your fingers or a powder vial, apply powdered Black or powdered White frit to the fins and tails of the koi in the mold. Use powdered Black to fill in all of the eyes, lips and whiskers of the koi. You can use your finger to move the powdered frit into the recesses of the fins, tails, eyes, lips and whiskers. Some of the powder is likely to fall out from the target cavities into the surrounding water areas or other ar-



reas. You can use a clean finger or brush to move the stray frit back into place. A small vacuum designed to aid in ear wax removal is a very handy tool to clean up stray frit as well. Do not overwork any cleanup efforts, as very small amounts of powdered frit will likely be unnoticeable after the project is fused. If you work the mold surface too much, you risk removing some of the glass separator.



Chose opal "fine" grain frits in shades of red, yellow and orange, as well as white and black fine grain frit to fill in the bodies and heads of the various koi. Good choices in System 96 include: Marigold, Yellow Opal, Red Opal, Flame Opal and Orange Opal. Fine transparent Amber can also be used when backed with an opal color.

To make Koi that are primarily white, add fine Red, Orange or Yellow to the face and here and there on the body of the Koi. Fill the remainder of the Koi with fine grain White. To make a Koi that is primarily Black, add fine Red, Orange and/or Yellow to the face and here and there on the body of the Koi. Fill the remainder of the Koi with fine grain Black. Koi come in a huge variety of colors. Experiment with combinations of these colors to create each Koi. The cavities of each Koi should be filled to the top of the cavity. A bit of mounding of frit above the cavity wall in the center of the Koi cavities can help fill the cavities completely.

Use a clean finger, brush or ear wax vacuum to remove excess frit scattered on the mold outside of the fish cavities.

New Tip!
Pile the frit in the center of the fish cavities. Enough frit should be in the cavities that the sheet glass touches the frit when placed on the mold.



For the best results, either place two single-layer 12.75" circles of glass on the mold over the frit or one double thick clear 12.75" circle of glass on the mold over the frit. Place the mold in the center of the kiln on 1" kiln posts. Place the kiln posts to the outside of the mold so that most of the kiln post is on the outside of the texture mold. Fire the project using the firing schedule below:

Revised Fuse Firing Schedule



Segment	Rate	Temp	Hold
1	200	1215	45
2	50	1250	30
3	250	1330	10
4	300	1465	10
5	9999	960	90
6	100	500	5

Slumping the Round Koi Textured Glass

It is critical that the kiln shelf and the slump mold are level to ensure an even slump into the mold. Place a smooth piece of glass on top of the mold in the kiln and place a bullseye level on the center of the glass. Adjust the kiln shelf and mold until the bullseye level indicates that the glass on top of the mold is completely level. Tiny pieces of fiber paper placed under the mold can help you to level the mold in the kiln. Place the round koi textured glass textured side up on the leveled GM134 13" dia. Round Slump Mold. Fire the project using the following firing schedule:

Slump Firing Schedule

Segment	Rate degree F/Hour	Temp F	Hold in min
1	250	1215	60
2	275	1250	05
4	9999	960	90
5	100	825	5
6	100	500	0

Making a Koi and Bamboo Fountain

A fountain kit is available from Bamboo Accents that includes a 3 arm 12" bamboo span and spout with a submersible pump and tubing. Cut 5" of the tube and attach the tube to the bottom of the spout and the pump. Lay the pump in the center of the bowl. The pump can lay on its side and operate without an issue. Place the 3 arm span across the bowl, resting on the edges of the glass. Place river rocks or glass pebbles around and over the pump to camouflage the pump. Add enough water to cover the pump with a minimum of 1/2" of water. Plug the pump in and enjoy the serene Koi water fountain.

