Hi-Lo Light Leak Bowl

Art Glass Supplies
Create Inspire Fuse

This technique can be used for many different types of mold, but we particularly like the GM263 due to its tilt that allows light to leak through.

Materials:

- GM263 Hi-Lo Bowl
- GM126 Patty Gray Large Round Dam
- COE90 Fine Turquoise Blue, Medium True Blue, Medium Clear
- COE90 3mm Clear
- COE90 3mm French Vanilla
- Hammer
- Textured wafle paper or other thick foldable material
- Kiln shelf paper
- Suitable glass separator

NOTE BEFORE STARTING: Make sure to treat your molds with ZYP or other suitable glass separator and, as always, adjust firing schedules using the experience you have with your own kiln.

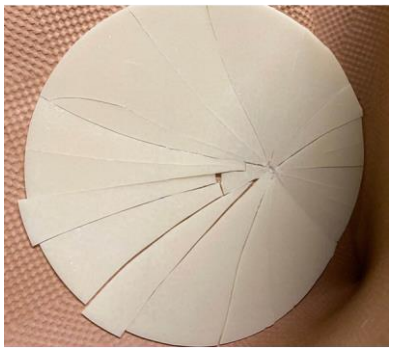
Cut one 10 1/4" circle of Clear, a 9 3/4" circle of French Vanilla, and a 9 3/4" circle of Clear using the circle cutter.

Make sure to clean the circles after cutting.

Place a 10 1/4" circle of kiln shelf paper in the base of the GM126. Place the 10 1/4" circle of Clear over the kiln shelf paper in the dam mold.

Fold the textured wafle paper into fourths, and place the 9 3/4" circle of French Vanilla in the middle so that there are two layers of paper behind it and two on top.

Strike the glass in the paper slightly off-center with the hammer.



Take care to keep the pieces in the arrangement that you find them when you open the wafle paper.

Carefully place the French Vanilla pieces on the Clear already in the mold, forming a broken circle with slight gaps between the pieces as shown.

Place fine Turquoise Blue frit over the cracks in the broken circle.

Use a soft brush to brush the Turquoise fine frit into the cracks and void. Cast some medium True Blue here and there.

Use the wafle paper and the hammer to break the 9 3/4" Clear circle off-center as you did with the French Vanilla.

Place the broken pieces of the Clear circle over the French Vanilla and the frit such that the void where the hammer hit the Clear is not over the void where the hammer hit the French Vanilla. Try to cover the cracks in the French Vanilla with the pieces of Clear.

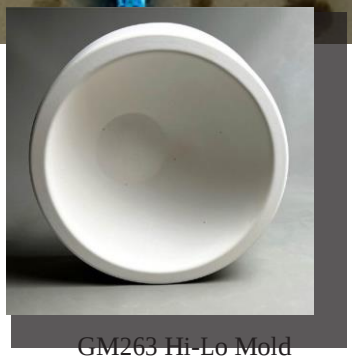
Place coarse or medium Clear frit into the cracks of the broken Clear circle. Make sure that all cracks are completely covered, and that there is at least 6mm of glass everywhere in the dam mold.

Place the dam mold on kiln posts in a kiln and fire using a Full Fuse. A suggested schedule can be found in Table 1.

Remove the blank and wash to remove any residual glass separator.

Place the blank onto the GM263 Hi-Lo mold such that the blue transparent area is just above the flat spot in the mold.

Fire the project using a Slump schedule. A suggested slump schedule can be found in Table 2.



GM263 Hi-Lo Mold

GM126 10" Dam Mold

Table 1: Suggested Full Fuse			
Segment	Rate	Temp	Hold
1	350	1150	60
2	50	1300	30
3	350	1465	10
4	9999	900	90

Table 2: Suggested Slump			
Segment	Rate	Temp	Hold
1	250	600	20
2	275	1250	20
3	9999	900	90

This technique can be used with a variety of colors.