

# Nautilus Hi-Lo Bowl *Creative Paradise Inc.*

by Susie Donaldson



## Materials:

- [GM274 Medium Hi-Lo Bowl](#)
- COE90 Glass (See Below)
- Suitable Glass Separator/ZYP
- Powder Sifter
- Ring Saw or Grinder with Small Bit
- Marker
- Vaseline

## Glass:

- Sheet Glass:
  - Clear
- Powder Grain Frits:
  - Aventurine Blue
  - Clear
- Other:
  - Scraps of Clear

## Before You Begin:

- Thanks to Susie Donaldson for her beautiful work!
- Prime the mold well with suitable separator before adding any glass. We recommend spray-on ZYP.
- Always wear a mask when applying spray-on separator or using powder frits.
- You know your kiln best- adjust all suggested schedules accordingly. For more information on that, [check our Important Firing Notes here](#).

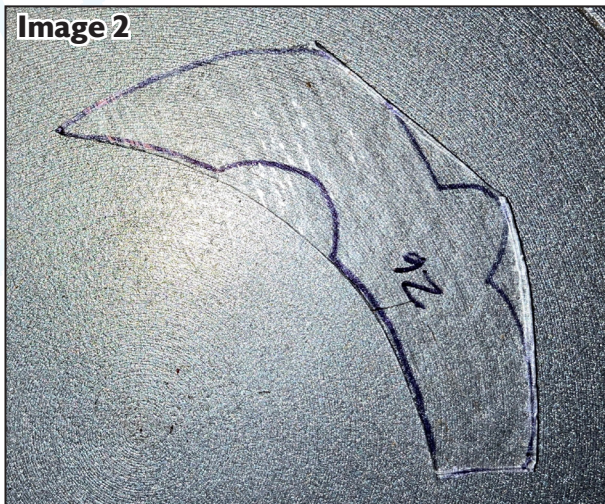
Image 1



Begin by cutting one 9-5/8" diameter circle from Clear sheet glass. Grind and clean the edges well as they will form the bowl's rim once fired. For a wider rim, the circle can be made up to 10.5" in diameter, which can also fit the larger [GM263 Hi-Lo Bowl](#).

Trace the Pattern on **Pages 3 & 4** onto an additional circle of Clear the same size. Number each piece with marker as you cut to keep everything in order. It is important to cut each piece with a consistent gap in between so the eventual lines of powder frit come out uniformly.

Image 2



**Image 2** shows a roughly cut piece before any refining with a Ring Saw or Grinder.

Before taking each piece to the Ring Saw, cover the markings with Vaseline to preserve them during the grinding process.

After grinding, clean each piece well, especially the edges. Once each piece is clean, lay it atop the base layer. A small bit of hair spray or glue can help to keep pieces in place as you work.



**Image 3**



Once all pieces are in place, elevate and begin sifting Powder Aventurine Blue frit on top, working you way from the centermost chamber outwards.

Sifting more heavily along the outer edges of each piece can help create contrast. Be sure to sift along the outermost rim of the project as well.

Add a layer of Powder Clear frit and top off with a bit more Aventurine Blue, especially along the darker edges.

**Image 4**



Transfer to a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

Once cool, transfer the glass onto the treated GM274 mold on a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own favorite deeper Slump schedule.

**Table 1: Full Fuse\***

Seg.	Rate	Temp (°F)	Hold
1	300	1100	60
2	200	1250	60
3	9999	1480	10
4	9999	900**	120
5	100	700	00
6	150	70	Off

**Table 2: Deep Slump\***

Seg.	Rate	Temp (°F)	Hold
1	250	600	20
2	275	1250	20
3	9999	900**	90

\* Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, [please click here to see our Important Firing Notes!](#)

\*\* If using COE96, adjust these to 950°F



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# Pattern

(First Half)

To print this pattern to fit a 9.5" dia. circle of glass, print **Pages 3 & 4** of this tutorial at **"Actual Size"** or **100%**, overlap the matching areas, then tape together.

Or, if you have access to a printer able to print at sizes larger than a standard sheet, [click here for the entire pattern together](#) at actual size.



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For more information, tutorials, and molds, visit our website:  
[www.creativeparadiseglass.com](http://www.creativeparadiseglass.com)

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# Pattern

(Second Half)

**\*\*Remember to print at "Actual Size"/100%!\*\***

Thank you again to Susie Donaldson!

## Featured Mold:



GM247 Medium Hi-Lo Bowl

**Mold:** 9" Dia. x 4" T  
**Inside:** 7" Dia. x 2.75" Deep



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