



# Northstar Glassworks, Inc.

## Boro News Newsletter

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## New Colors Have Arrived!

### Introduction

Hello! We have a lot of exciting news this month, and we are proud to introduce three wonderful new colors to the family; NS-70 Ice Blue, NS-71 Avocado, and NS-72 Glacier Blue. In this issue we will explore the working properties and uses of NS-70 Ice Blue and NS-72 Glacier Blue. These two colors add a totally new look to the family of blues and offer new dimensions to explore in the borosilicate color palette.

### The Colors

When compared to NS-19 Light Cobalt you will notice that the two new colors possess a deeper water like blue quality with subtle hints of gray and green. They are both very vibrant eye catching colors. NS-70 Ice Blue is a true blue with a unique neon like glow. NS-72 Glacier Blue is a more saturated (darker) color that has a slight sea green tint. These colors have the vibrancy and the optical beauty of soft glass, yet are the same 33-expansion glass as the rest of our palette. These two colors are virtually air free and even when thinned they add a sense of depth.

### Working Properties

The working properties of NS-70 Ice Blue and NS-72 Glacier Blue are as unique as the colors themselves. When heated in the flame these colors turn a deep emerald green. Only after cooling down does the color return to its original state. To yield the colors as they come in rod form, work in a highly oxidizing environment. When reduced these colors actually darken, developing red highlights. With reduction the result is a network of tiny red colored veins in the glass. This effect is especially pleasing in sculptural work. NS-70 Ice Blue and NS-72 Glacier Blue are easy to work with no boiling or C.O.E. issues. If the color is to be exposed to varying flame settings and

you desire the color in the oxidized state (original rod color), encase the rod before use to minimize the chance of reduction.

### Applications

These colors look wonderful in many applications. They are excellent for overlays and sculpture. Due to their versatile working properties these colors can be used in any application with ease. Both colors are intense enough for blown applications, but for super thin applications, only NS-72 Glacier Blue will hold its intensity. Though these colors are related (as NS-13 Amber/Purple is to NS-26 Double Amber/Purple), you will find that they both have a unique function.

As for color patterns, these colors are fascinating enough alone, but are great over NS-54 Star White. These two also add a cool new look when layered over NS-28 Blue Exotic, NS-55 Periwinkle, and NS-69 Green Amber/Purple. Try mixing NS-72 Glacier with NS-66 Sublime!!

In Fig 1 the vessel was made by coiling NS-70 Ice Blue over NS-54 Star White, the stripes sandwiched between the NS-54 Star White and the NS-70 Ice Blue are NS-22 Polaris, NS-45 Blue Moon and NS-69 Green Amber/Purple. The stem and the stopper was made with solid NS-70 Ice Blue. The photo in Fig 2 was made by layering NS-72 Glacier Blue over NS-54 Star White. The stripes on the neck were made with NS-69 Green Amber/Purple and NS-17 Aqua.

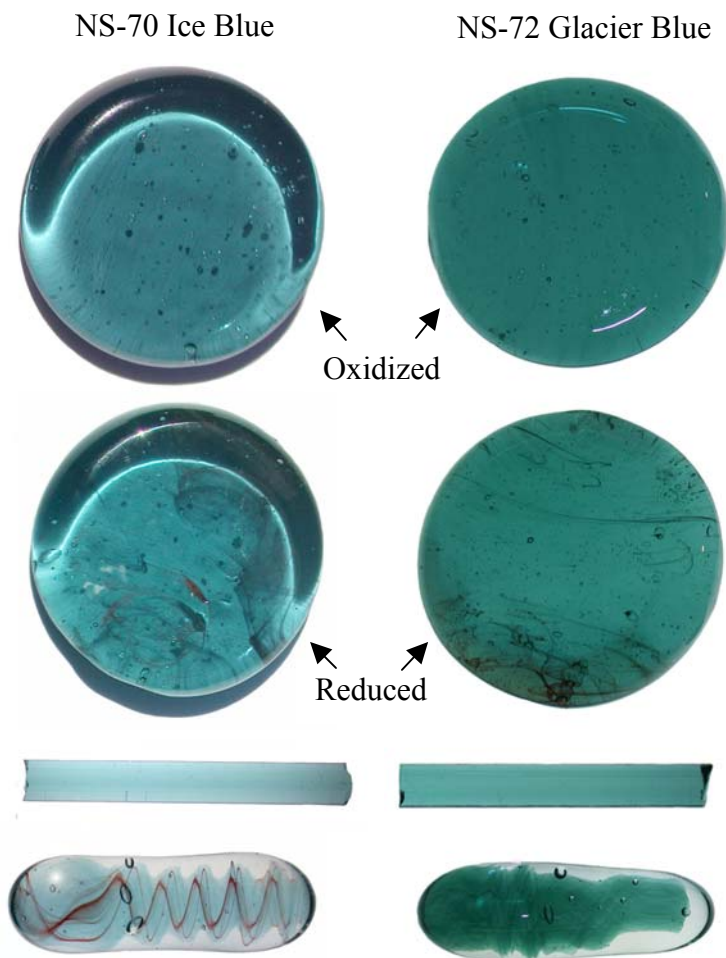
### Closing

We hope you enjoy these new colors and may they bring new ideas and possibilities for you to explore. We have many more colors soon to be released so stay tuned. Next month we will be unveiling our new aventurine color NS-73 Millennium Moss!

On a personal note, I would like to thank all those

who stopped by the Northstar booth at the G.A.S conference in Amsterdam and all others who I met there. It was really exciting for me to meet such a wonderful group of glass artisans and share enthusiasm for this fascinating medium! Thanks for the help distributing all the sample packs; I hope all who received them enjoy and have fun exploring! At the G.A.S. conference I received a lot of great glass art, and in our next issue we will feature these pieces! It was a lot of fun; I hope to see you there next time in Seattle!!

Fig 1 →



← Fig 2



Vessels and Disks by Jesse Kohl  
Encased Rod samples by Cathy Gewecke

## NS-71 Avocado

Here at Northstar we are committed to providing the artist community with premium quality borosilicate color. We are constantly working to develop new colors and product. NS-71 Avocado is an intense opaque that offers a new shade to the palette of greens. This color is atmospherically stable and holds intensity. NS-71 Avocado has been designed to allow maximum workability with minimal boiling, but if overheated this color can boil. Encasement is suggested if the color is to be exposed to large volumes of heat. The vessel in the photo was made by casing NS-45 Blue Moon over a NS-54 Star White base and trailing NS-71 Avocado on the surface with NS-44 Caramel lines. The vessel was dusted in NS-00 small clear frit, but overall the NS-71 Avocado was left un-encased. Be sure to try NS-71 Avocado with NS-44 Caramel and try it with a layer of NS-03 Multi over it. This color has no C.O.E. issues so use it anywhere! We hope you enjoy!

