



**INDIGO FIRE**  
POTTERY STUDIO

# Glaze Recipe Book

Version 2.0      Feb. 2025

## Foreword

Thanks for your interest in the Indigo Fire glaze catalog. This is an amalgamation of long-standing cone 6 studio glaze recipes, our own iterations of them, and our own original recipes we've created after years of collective research and testing. These recipes are by no means perfect, and are just what we've found is working best within our studio setup currently. None of these glazes have been durability tested in a laboratory.

Indigo Fire uses a range of dark and light colored clays. Not all our glazes work well on every clay body, nor when overlapped with every other glaze. Some glazes are valuable for their blending behavior, while others work best alone.

The recipes are all subject to change, as is the availability of the materials they contain. We invite you to take these recipes and test your own iterations of them. We'd like our glaze library to be open source, and we are continuously tweaking them as our understanding of glaze chemistry develops.

## Yearly Notes

2024 felt like a turbulent year for glaze materials. The biggest impact was the loss of Custer Feldspar. There were periods of time where we weren't able to get EPK, Glomaxx and Talc, although these are being supplied again. We also inherited a lot of materials from studio closures which we've tried to make use of. Some of these substitutions have impacted our glazes.

Our most challenging glaze this past year has been Nova White. Satin White has undergone a revision, and Nova White is in the process of being revised now to eliminate spodumene and alumina from the recipe. We're experimenting with more crackle and chrome glazes right now.



## Zerg

Whiting	8.8%
Zinc	6.6%
Frit 3124	38.8%
Mahavir	17.6%
EPK	10.5%
Silica	17.7%
Rutile Light	4.1%
Red Iron Oxide	1.8%
Red Stain	5.3%
Cobalt Carb	0.2%
CMC	1.2%
Bentonite	1.6%



## Wanamaker

Dolomite	21.0%
Spodumene	12.0%
Neph Sye	53.0%
Ball Clay	14.0%
Copper Carb	1.0%
Zinc	5.0%
Ultrox	13.0%
Bentonite	1.3%



## Thermal Yellow

Frit 3124	24.0%
Neph Sye	46.0%
Whiting	13.0%
Silica	3.0%
EPK	12.0%
Zinc Oxide	2.0%
Ultrox	5.5%
Rutile	3.0%
Yellow Stain	2.5%
Red Iron Oxide	1.0%
CMC	1.0%
Bentonite	1.6%



## Satin White

EPK	20%
Frit 3124	23.0%
Neph Sye	33.0%
Whiting	12.0%
Silica	13%
Ultrox	4.0%
Titanium Dioxide	3.0%
Bentonite	0.5%
CMC	1.2%



## Nova White

EPK	15.0%
Silica	25.0%
Frit 3134	20.0%
Spodumene	10.0%
Alumina	10.0%
Wollastonite	20.0%
Ultrox	16.0%
CMC	1.0%
Bentonite	1.3%



## Psionic Celedon

Dolomite	6.3%
Whiting	8.9%
Zinc	5.4%
3124	31.3%
Mahavir	17.9%
EPK	12.5%
Silica	17.9%
Copper	0.3%
Blue Stain	1.0%
Ultrox	2.5%
Red Iron Oxide	0.7%
CMC	1.0%
Bentonite	2.0%



## Neo Steel

EPK	23.5%
3124	7.8%
3134	13.7%
Neph Sye	19.6%
Whiting	16.7%
Silica	16.7%
Alumina	2.0%
Rutile	3.0%
Ultrox	8.0%
Black Stain 6650	3.0%
CMC	1.0%
Bentonite	1.0%



## Mar Sara

Bisqued EPK	5.3%
Neph Sye	13.5%
Silica	27.5%
Wollastonite	8.0%
Dolomite	7.0%
Frit 3124	16.0%
Talc	13.5%
Bisqued Bone Ash	10.0%
Crocus Martis	13.5%
Lithium Carb	4.0%
CMC	1.8%
Bentonite	0.8%



## Karax Blonde

Mahavir	35.0%
Silica	30.0%
EPK	5.0%
Frit 3134	15.0%
Zinc	5.0%
Whiting	10.0%
Titanium	5.0%
Rutile	4.0%
CMC	1.0%
Bentonite	1.2%



## Gloss Black

Neph Sye	40.0%
Silica	25.0%
Wollastonite	10.0%
Ball Clay	10.0%
Frit 3134	15.0%
Black Stain 6650	2.0%
Iron Oxide	10.0%
Cobalt Carb	1.0%
CMC	1.2%
Bentonite	2.2%



## Glacius

Wollastonite	10.0%
Zinc	2.0%
Frit 3124	30.0%
Neph Sye	20.0%
EPK	6.0%
Silica	32.0%
Cobalt Carb	1.5%
Rutile Light	4.0%
Blue Stain (Robins Egg Blue)	2.0%
CMC	1.2%
Bentonite	1.8%



## Old Forge Floating Pink

EPK	15%
Frit 3134	30.0%
Neph Sye	20.0%
Whiting	15.0%
Silica	20%
Titanium Dioxide	2.5%
Chrome Oxide	0.01%
Tin Oxide	2.5%
Bentonite	2.0%





## Endion Blue

Neph Sye	25.0%
EPK	15.0%
Dolomite	15.0%
Silica	15.0%
Alumina	5.0%
Frit 3134	15.0%
Wollastonite	10.0%
Titanium	5.0%
Cobalt carb	0.9%
CMC	1.0%
Bentonite	1.5%



## Egg

Whiting	10.0%
Zinc	6.0%
Frit 3124	44.0%
Mahavir	20.0%
EPK	12.0%
Silica	8.0%
Tin	6.0%
Red Iron Oxide	3.0%
CMC	1.0%
Bentonite	1.1%



## Clear

Neph Sye	10.0%
Frit 3249	15.0%
Silica	27.0%
Wollastonite	13.0%
EPK	16.0%
Strontium Carb	6.0%
Frit 3134	13.0%
CMC	1.5%
Bentonite	2.3%



## Bill Van Gilder Oribe

Mahavir	27.0%
Silica	28.0%
Whiting	24.0%
EPK	14.0%
Zinc	7.0%
Copper Carb	5.0%
CMC	1.0%
Bentonite	1.3%



## Assad Black

Neph Sye	76.8%
Silica	10.5%
Whiting	4.2%
Dolomite	5.3%
Zinc	3.2%
EPK	4.7%
Copper Carb	4.2%
CMC	1.2%
Bentonite	1.0%



## Artanis\*

Dolomite	15.0%
Strontium Carb	7.5%
Alumina	10.0%
Ultrox	10.0%
Cobalt Carb	0.8%
CMC	0.8%
Bentonite	1.0%

\*This is a set of additions we make to our scrap glaze buckets



## Archon Blue

Dolomite	4.0%
Whiting	8.0%
Zinc	3.0%
Frit 3134	15.0%
Neph Sye	30.0%
Silica	40.0%
Lithium Carb	2.0%
Copper Carb	2.2%
Tin	0.8%
CMC	1.0%
Bentonite	2.0%



## Amber Crackle

Frit 3134	16.0%
Neph Sye	73.0%
Silica	11.0%
Yellow Ochre	13.0%
CMC	1.0%
Bentonite	1.5%