

Under Pressure Materials List



Creating ultra-thin glassware is possible in a kiln. This class will explore the distinct painterly effects working under pressure can offer—whether soothing gradients or kinetic patterns. Along with the unique visual and technical capabilities this class unlocks, it also provides a method for transforming small glass pieces into larger glassworks of exquisite color. Thin for the win! You can use any Bullseye Compatible glasses in this process.*

Featured Styles in Test Samples

Cobalt Blue Opal ([000114-0030](#))
Spring Green Opal ([000126-0030](#))
Marzipan Opal ([000138-0030](#))
Robin's Egg Blue Opal ([000161-0030](#))
Petal Pink Opal ([000421-0030](#))
Pumpkin Orange Opal ([000321-0030](#))
Plum Opal ([000332-0030](#))
Warm White Opal ([000920-0030](#))
Clear ([001101-0030](#))
Violet ([001234-0030](#))
Gold Purple ([001334-0030](#))
Ruby Pink Tint ([001831-0030](#))

To make a matching set of 4 full-sized pieces, you'll want half sheets of the glasses that you plan to use for the first three layers, and at least a 10 × 10 of the glass that's on the top layer. Again, you can use any Bullseye Compatible glasses for this work.*

Featured Styles in Full Size Pieces

Violet ([001234-0030](#))
Plum Opal ([000332-0030](#))
Pumpkin Orange Opal ([000321-0030](#))
Warm White Opal ([000920-0030](#))

* We recommend that if you plan to use any of the cadmium/selenium glasses or Dense White (0313), you test the production date of each glass by firing it using the cycles provided in the lesson prior to making full-sized pieces.

Under Pressure Materials List

Tools & Supplies

Available Through Bullseye

- Shelf Primer ([008220](#))
- Hake Brush ([007014](#))
- Kiln
 - Paragon GL24 Kiln
 - Kilns like the Paragon GL24 bullseye uses for this class can be purchased through other sources, like our preferred kiln seller: [Kiln Frog](#)
- [Kiln Shelves*](#)
- (10×) Kiln Shelf Posts ([008889](#))
for slumping four plates in Mold ([008635](#))
- (4×) 8.5" Square Slumping Mold ([008635](#))
- Bricks ([008896](#))
- Studio Strip Cutter ([007039](#))
- Studio Strip Cutter Mounting Kit ([007040](#))
- Toyo Self-Oiling Cutter ([007010](#))
- Straight Edge ([007269](#))
- Breaking/Grozing Pliers ([007006](#))
- Running Pliers ([007008](#))
- Primer Brush ([007012](#))
- Diamond Hand [Laps](#)
For coldworking surfaces,
see the linked subscription video
[Coldworking with Diamond Handlaps](#)
- [Loose Grits](#)
For coldworking surfaces,
see the linked free video
[Coldworking with Loose Grit](#)

Available from Other Sources

- Green Scrubbing Pad
- Ruler
- Sharpie Ultra Fine Point Markers
- Sandblaster
Alternative coldworking options include
the use of loose grit, diamond hand laps,
or even wet/dry sandpaper)
- Aluminum Oxide Grit for Sandblaster
- Wet/Dry Sandpaper

*Only 3 shelves are needed for this project.

Resources

Free From Bullseye

- [Heatwork and Cadmium-Bearing Glasses](#)
- [Safety in the Kiln-Glass Studio](#)
- [Shelf Primer Instructions](#)
- [TechNotes 4: Heat and Glass](#)
- [TechNotes 5: Volume and Bubble Control](#)
- [Reactive Potential of Bullseye Glass](#)
- [Get a Reaction](#)
- [Temperature and Rate Conversions](#)
- [Bullseye Kilnforming Project Notes Form](#)

Recommended videos

(some of these are free, some of them are available through a \$45 yearly subscription)

- [Coldworking with Loose Grit](#)
- [Quick Tip Wet Scraping Kiln Shelves](#)
- [Preparing Kiln Shelves](#)
- [Fusing Basics](#)
- [Coldworking with Diamond Hand Laps](#)
- [Heatwork and Color: Sheet Glass](#)
- [Smoothing Shelf Primer](#)

For students near one of Bullseye's [Resource Centers](#) check out the [Lap Wheel Orientation](#), the [Sandblaster Orientation](#) and other in-person studio offerings.

Featured Artists

Hannah Gason

Canberra, Australia
hannahgason.com

Karlye Golub

Portland, Oregon
karlyegolub.com

Camille Hamilton

Alden, Michigan
[camille.glass \(instagram\)](https://camille.glass.instagram)

Nathan Sandberg

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