

# What to Expect from Bullseye Glass

Bullseye is widely recognized for its sophisticated palette of harmonious colors. Most styles are available in two thicknesses: double-rolled 3 mm sheets and Thin 2 mm sheets. Due to the handcrafted nature of the product, all sheets have at least one rolled edge.




*Dimensions are approximate.*

## Color Variation

While Bullseye strives for consistent colors, our glass is a handmade product and colors may vary slightly between production runs (and from images in this catalog). Some colors may change slightly upon repeated firing or with extensive heatwork. We recommend that you test samples of glass using

the same firing cycles and processes to be used in finished pieces. Bullseye glasses are formulated for fired color. Unfired glass color may vary.

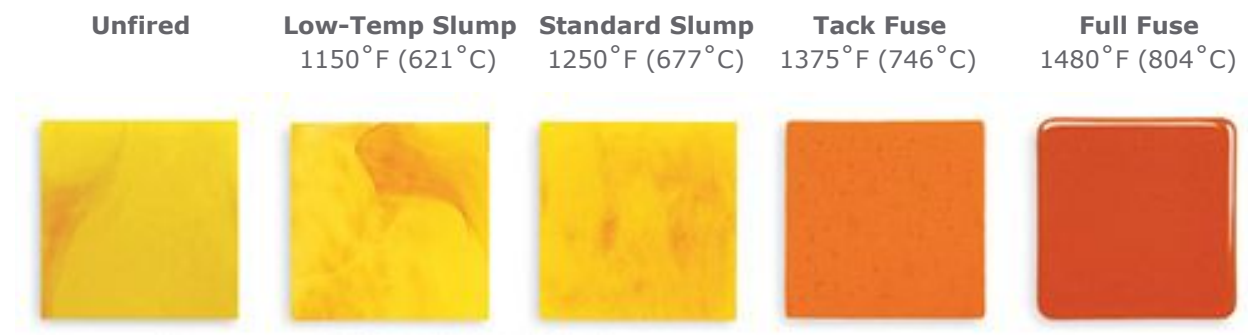
## Colors That Strike

Bullseye produces many glasses that appear pale or even colorless in their cold form but “strike” or mature to a target color when fired to the right temperature. These styles are marked with a .

**Kilnformers/glass fusers:** When choosing a style for glass fusing, focus on the fired sheet color. Like ceramic glazes, the color will emerge after sufficient heatwork.

**Stained glass and mosaic makers:** Be aware of striking glasses. Use only if you’re willing to pre-fire the glass before use, or select it in person. The unfired sheet colors for strikers vary widely.

### Examples of strikers at various process temperatures:



Orange Transparent (001125-0030-F)



Gold Purple Opalescent (000334-0030-F)



Translucent White Opalescent (000243-0030-F)

Illustrations in our catalog and online store indicate which styles differ in color from cold form to struck form. Keep in mind that struck color may vary depending on temperature, atmosphere and amount of heatwork. For example, heating Ruby Red Tint (001824-0030-F) too rapidly during the initial stages of a firing cycle can prevent the glass from striking correctly, resulting in a blue-brown cast (sapphirine effect) instead of a true ruby red color.

## **Compatibility**

Bullseye glasses are well known for reliable compatibility. But it's important to understand the conditions of our factory testing, especially if you intend to fire glass under unusual conditions.

At Bullseye, glasses known to be fairly stable are tested by firing to a top temperature of 1500°F (815°C) and soaking for 15 minutes before annealing. Once cooled, these tests are viewed for stress through polarized light and graded accordingly. We fire glasses known to be less stable three times to make sure they'll perform well under multiple firing conditions, such as those used to fuse and slump a plate.

If you are using a heat process that involves an extra-high temperature or an unusually long firing time, we recommend that you test the glass yourself, under the conditions specific to your project. For example, if you want to include frameworked elements in a kilnformed project, remember that framework takes glass to temperatures exceeding the compatibility tests we do at the factory and that some glasses are more sensitive to extensive work in the flame. Therefore, it will be important not to overwork your glass during frameworking and to test the frameworked components for compatibility using the full range of kilnforming processes planned for the finished project.

Also note: Some processes that may not appear to exceed the parameters of the compatibility test actually do. For example, holding some glasses for long times at temperatures around 1400°F (760°C), which is in the devitrification range, can cause the glass to change dramatically.

Many artists (Klaus Moje, for example) are able to push Bullseye glass to high temperatures for long times with exceptionally good results, but their success is insured by testing. No manufacturer can guarantee glass to perform as expected under all imaginable working conditions. Testing is a wise practice with whatever glass you use.