

KILNCASTING IS ON THE RISE

More glassworkers than ever aspire to master the art of kilncast glass. Bullseye has the biggest and best selection of glass for a wide variety of casting methods. At Bullseye, unless otherwise specified, "casting" refers to "kilncasting." We describe the melting of glass in a furnace for subsequent ladling into molds as "furnace casting" or "hot pouring."

MATERIAL ADVANTAGE

Bullseye glasses cast differently from lead-crystal glasses, requiring different firing schedules and thoughtful attention to mold design and finishing. For casters concerned about the weight, cost, and safety issues of working with lead-crystal, Bullseye can be an excellent choice. It is lighter than lead-crystal. In making cost comparisons, remember that lead-crystal glasses weigh 35-40% more for the same volume of glass.

CHOICES

The form of casting glass that you choose will affect the look of your piece. The rule of thumb for clarity is to use the largest and thickest forms of glass. As the glass particle becomes smaller, obscurity increases due to air trapped between the pieces. Castings made with frits tend to be translucent and those made with powder can be opaque.

Glass forms in order of casting clarity from most to least transparent:

- Billet
- Cullet
- Sheet glass
- Coarse frit
- Medium frit
- Fine frit
- Powder

WHERE'S THE FRIT?

Frit can be used for casting solid or hollow forms. See page 24 for more information.

SAMPLE SETS

Our set of casting glass samples is shown below. For sheet glass and frit samples, order the Master Kilnforming Sample Set shown on page 52.

"Bullseye's casting billets are easy to quality check, and can be easily cut and stacked into molds. Potential bubbles and veils within the finished casting are greatly reduced — another major advantage to using billets."

—RICHARD WHITELEY



Richard Whiteley, "Vesica," 2004.
Cast glass, 14 3/8 x 9 1/4 x 5 3/4 in.



BULLSEYE BOX CASTING

Achieve the optical clarity of hot cast glass without the furnace! Box casting is a relatively simple and direct method that removes many of the variables and much of the mess while allowing the glass kilnworker to achieve depth in a reverse-relief image. This pack contains the essential materials and instructions to create a cast piece 7 5/8 x 7 5/8 x 1 3/8 in.

Bullseye Box Casting Pack

- Precut, reusable vermiculite boards for building the casting box
 - Stainless steel screws
 - Precut fiber paper
 - Oil clay
 - Alginate powder
 - Plaster/silica investment mix
 - Mold container
 - TipSheet 5
 - Three Bullseye billets
- 8316 \$273.50**



ORDER TOLL FREE
M-F 8am-6pm PACIFIC TIME **888.220.3002**



DOUBLE YOUR PALETTE

In response to requests from kilncasting artists, we recently increased your choices by adding eleven more sophisticated, complex billet colors. Easy-to-ship, easy-to-use billets are Bullseye Compatible and are offered in 20 colors and two clears. Each billet is approximately 5" x 10" x 3/4" (12.5 x 25 x 1.9 cm) and weighs about 3.5 lb. (1.6 kg).

2 1/4" 1 1/2" 3/4" Three stacked billets demonstrate the increase in color saturation with thickness.



1101-65 CLEAR

1401-65 CRYSTAL CLEAR

The strikers reach their target color after firing and look like this before firing:



1824-65



1831-65



1823-65



NEW 1829-65 GRAY



1821-65 ERBIUM PINK

NEW 1824-65 RUBY RED
STRIKERNEW 1831-65 RUBY PINK
STRIKERNEW 1823-65 BURNT
SCARLET STRIKER1859-65 RHUBARB
PINK/GREEN SHIFT*

1834-65 CORAL ORANGE



1820-65 PALE YELLOW



NEW 1827-65 LIGHT AMBER

NEW 1837-65 MEDIUM
AMBER

NEW 1838-65 DARK AMBER



NEW 1867-65 OLIVE SMOKE



NEW 1826-65 GREEN TEA



1807-65 GRASS GREEN



1841-65 SPRUCE GREEN



1806-65 JUNIPER BLUE



1808-65 AQUA BLUE



NEW 1818-65 INDIGO



NEW 1864-65 GRAY BLUE

1842-65 LT. NEO-LAVENDER
SHIFT*

*The hues of "Shift" colors change depending on the thickness and/or lighting of the casting.

NOTE: For projects where all billets must match exactly we suggest you request glasses produced from the same melt/date.



Casting Sample Set

22 cut billet rectangles show Bullseye's 20 tinted colors for casting, plus standard Clear and lead-free Crystal Clear. This set may be used as a color guide for selecting billets or cullets. To best predict color, view the sample through the side with the dimension that most closely matches the thickness of your planned project. Each billet piece measures approximately 1 1/2 x 2 1/2 x 3/4 inches.

8103 \$35.00