

COLOUR *de* VERRE

GLASS CASTING SYSTEM

Glasslinks Instructions

Introduction With Colour de Verre's Glasslinks molds the artists can cast delicate, glass jewelry components. These components can then be fashioned into jewelry in a number of ways. Visit Colour de Verre's website, WWW.COLOURDEVERRE.COM, to find complete instructions.

Priming The molds must be primed before each use. One of two methods can be used: (1) Mix by volume 1 part *Hotline Primo Primer*™ to 4 parts water. Mix thoroughly. Apply 3 to 4 *thin* coats of primer with a soft brush. Make sure to keep the primer thoroughly mixed every time the brush is dipped. Use a hairdryer to dry primer between every coat. (2) Alternatively, spray two, thin coats of ZYP Boron Nitride Lubricat™ on the mold, letting the mold dry between applications. In subsequent firings, only one layer of Lubricat need be applied. See our website's Project Ideas section for complete instructions on applying Lubricat.

Filling Use either powdered or fine frit to fill mold cavities. Molds should be filled according to the following chart:

| Design | Grams of Frit per Cavity |
|---|---------------------------------|
| Oval Glasslinks | 4 Grams |
| Diamond Glasslinks | 3 Grams |
| Glasslinks Focus Pieces, Heart and Circle | Heart, 7 Grams; Circle, 8 Grams |

Level frit with a small artists brush and by tapping the mold's sides. Place the filled molds on a *level* kiln shelf.

Firing Schedule The temperature at which the glass fuses depends on kiln type (side or top element), glass color, and COE. This schedule is for COE 96 glass:

Segment 1, 300°F (165°C)/hour to 1335-1350°F (725-730°C). Hold 25 to 30 minutes.

Segment 2, AFAP (no venting) to 960°F (515°C). Hold 30 minutes. Off

Use lower temperatures within range for dark colors. Use higher temperatures within range for lighter colors. Increase temperatures by up to 20°F (10°C) degrees for COE 90 glass.

Reusing The Mold Clean mold thoroughly after each firing with a stiff, nylon bristle brush. Avoid breathing any dust by wearing a proper dust mask. If correctly primed and fired, a Colour de Verre mold will yield many castings. Reapply primer before subsequent firings.

More Information Visit WWW.COLOURDEVERRE.COM for latest techniques, project ideas, and tips.

Jun 2010

Colour de Verre, 3216 SE 8th Avenue, Portland Oregon 97202 USA

Visit us at WWW.COLOURDEVERRE.COM