

COLOUR *de* VERRE

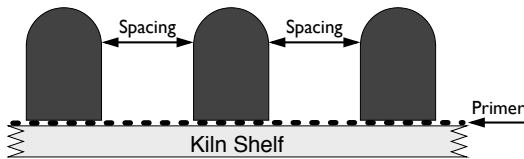
GLASS CASTING SYSTEM

Serpentine Formers Instructions

Introduction Colour de Verre's Serpentine Formers are used to shape glass rods, noodles, stringers, and sheet glass strips into interesting "waves" and other decorative shapes. They are available in three sizes which can be mixed and matched.

Priming This is one of the few times we don't recommend Hotline Primo Primer™. The formers are much denser than our other molds and Primo doesn't absorb well. For these products use a traditional primer (Hotline Hi-Fire Shelf Primer or Bullseye Shelf Primer). Apply two or three coats and pre-fire according to the manufacturer's instructions. If you prefer, ZYP Boron Nitride Lubricat™ can be used instead. See our website's Project Ideas section for information on applying Lubricat.

Positioning Protect your kiln shelf with shelf primer or ThinFire™. Place the primed formers on the kiln shelf. The spacing between the formers should be equal to a former's width plus the thickness of the glass being bent. For example, if you are bending 1/4" rods over 1/2" formers, space the formers 1/4"+1/2" or 3/4" apart. This will create a perfect wave. Experiment with other positioning to obtain a wide range of effects. Visit our website, www.colourdeverre.com, for even more ideas.



Firing Schedule The temperature at which the glass bends depends on kiln type (side or top element), glass color, COE, and glass thickness. To discover the temperature at which the glass bends in your kiln, start with the following schedule:

Segment 1, 400°F (220°C) /hour to 1240°F (670°C). Visually check. †

Segment 2, 400°F (220°C) /hour to 1250°F (675°C). Hold 5-10 minutes. Visually check. †

Segment 3, 400°F (220°C) /hour to 1260°F (680°C). Hold 5-10 minutes. Visually check. †

And so forth until desired shape is obtained. Turn off kiln. Do not vent.

Reusing The Formers After firing, inspect the formers. If the kiln wash is undamaged, formers can be reused without repriming. If the kiln wash has been scraped and pitted, remove the old kiln wash with a Scotch-Brite™ pad and reapply new kiln wash.

† Important Note: When opening a hot kiln it is essential to wear eye protection, heat proof gloves, and nonflammable clothing. Only open the kiln's lid or door one to two inches. Using a flashlight reduces the need to open the door or lid wide.

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