

# COLOUR *de* VERRE

GLASS CASTING SYSTEM

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**Priming** Mix by volume 1 part *Hotline Primo Primer*<sup>™</sup> to 5 parts water. Mix thoroughly. Apply 4 to 5 *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 every coat. The mold must be completely dry before filling and firing.

**Filling** The following are suggested fill weights:

7" Floral Forms	400 grams
9" Floral Forms	600 grams
Seahorse/Shell Dish	500 to 800 grams

**Firing Large Molds** Elevate mold on kiln posts. Avoid thermal shock by heating mold and its contents no faster than 300°F per hour until 1250°F is reached. Use the following firing schedule as a general guide for frit casting. Actual times depend on individual kilns and glass thickness:

- Segment 1, 300°F /hour to 1250°F, Hold 20 minutes
- Segment 2, AFAP to 1420-1450°F, Hold 20-30 minutes
- Segment 3, AFAP to 960°F (without venting), Hold 60-90 minutes
- Segment 4, 60°F /hour to 700°F, Off, Cool kiln without venting

AFAP (As Fast As Possible) = Full = 9999 = SKIP

**Slumping Floral Forms** Use the following firing schedule:

- Segment 1, 300°F /hour to 1200-1230°F, Hold 10 minutes
- Segment 2, AFAP to 960°F (without venting), Hold 60-90 minutes
- Segment 3, 60°F /hour to 700°F, Off, Cool kiln without venting

**Unmolding** If the mold was properly primed, the casting will fall out easily. However, if necessary, turn mold facedown and tap it against a hard surface cushioned with several layers of newsprint.

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

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