

Casting Rock Footed Self Standing Votive



Creative Paradise, Inc. molds used:

GM198 Tile Drop, Gm180 Patty Gray 4" Sq Dam

Glass: Uroboros Casting Rock, Rods and Sheet glass to fill 4" dam,

Misc: Three 2.5" kiln posts, kiln shelf paper, level, hammer, Zyp Boron Nitride Spray,

Spray the GM198 and GM180 with Zyp Spray. Place a 3.75" square of kiln shelf paper in the base of the GM180 dam mold. Place a 3.75" square of COE 96 Standard Clear glass in the base of the GM180 dam mold. Take care not to scrape off any of the Zyp from the sides of the mold you may need to nip the corners of the glass. Place the equivalent of two more standard layers of glass onto the clear in the dam mold. You can use rods nipped to 3.75" first placed horizontally and then a second layer placed vertically in the dam mold to create trapped air bubbles where the rod layers intersect upon fusing. Or you can fill the dam mold with any assortment of compatible scrap glass or dichroic glass to complete two more standard layers of glass over the clear glass in the dam mold. Fire the glass in dam mold to a full fuse at 275/hr to 1215 hold 30, 50/hr to 1250 hold 30, 275/hr to 1470 hold 10, 9999 to 950 hold 90, 100/hr to 500 hold 0.

After the glass has cooled, wash it to remove any kiln shelf paper or glass separator. Select a Casting Rock that is no larger than 2.5" dia. but large enough to create a substantial base for the votive. It may be necessary to use a hammer on concrete to chip off pieces of the casting rock to make sure that the rock is no larger than the hole in the center of the GM198 Drop Tile. Place the Casting Rock on kiln shelf paper on a level shelf in a kiln. Place the three 2.5" kiln posts around but not touching the casting rock (If possible, place the casting rock and kiln posts on the kiln shelf where the side of the casting rock can be seen through a peep hole). Place the GM198 Drop Tile on the kiln posts and look to see that the Casting Rock is centered beneath the hole in the center of the Drop Tile. Place a level across the Drop Tile and adjust the position and/or prop with fiber paper to make the Drop Tile level from all angles. Place the 4" glass paddy onto the Drop Tile with the hole in the center of the Drop Tile in the middle of the 4" paddy of glass.

Fire the project to drop the glass at 275/hr to 650 hold 15, 350/hr to 1320 hold 45-60*, 9999 to 950 hold 90, 100 to 500 hold 5. * Begin

looking to see if the 4" paddy of glass has dropped to make contact with the Casting

Rock at 1320 degrees held at 45 minutes. More time may be required .

If the glass is making contact when viewed, proceed to the annealing portion of the firing schedule.

