

CALCULATING DENSITY (SPECIFIC GRAVITY)

Find two containers exactly alike.

Weigh one empty container and write down the weight. A

Put your glaze in one of the containers then fill the other container with water to the exact same level as the glaze.

Weigh the container with the glaze.

Subtract the empty container weight.

$$\frac{B}{\quad} - \frac{A}{\quad} = \frac{B}{\quad}$$

 B
GLAZE
WEIGHT

Weigh the container with the water.

Subtract the empty container weight.

$$\frac{C}{\quad} - \frac{A}{\quad} = \frac{C}{\quad}$$

 C
WATER
WEIGHT

Divide the weight of the glaze by the weight of the water. The result is the density (or specific gravity) of your glaze.

$$\frac{\text{GLAZE WEIGHT}}{\quad} \div \frac{\text{WATER WEIGHT}}{\quad} = \text{DENSITY}$$

Always use the weights of equal volumes water and glaze and it doesn't matter if you use ounces, grams, or pounds. Works with glaze, slip, or any other liquid.