

The Basics

Getting to Know Glaze Elements:

The CFE Glaze Elements are pigment packed NON TOXIC, opaque glazes unless otherwise noted. They all have been formulated to give you versatility in creating many glazes from a very limited inventory. There are Matt and Specked Matt glazes in the CFE glaze line also. Refer to glaze chart.

CG900 Clear Brushing:

Our clear glaze has a very high gloss finish. It is slightly leached, food safe and non-toxic when fired properly to a witness cone 06.

CSP01 Non-Toxic Clear Glaze:

This glaze is lead free. It is a gloss glaze and does not move. Care should be taken when glazing with non-toxic glazes. Do not let areas of glaze build up in crevices. These should be brushed out with a soft fan brush.

Basic Application:

If you were to use CFE glaze Elements straight out of the jar you would apply 3 coats on 04 bisque, allowing to dry between coats.

What is a coat?

This really varies ceramist by ceramist. *We recommend using a fully loaded natural hair fan brush for application.* Drying between coats makes a difference too. If you are cheating a bit and not letting the glaze crust between coats, your 3 coats could be the equivalent of 2 1/2 coats. We all do this sometime when we are in a hurry, but beware that the results will differ when you don't follow the rules exactly no matter what opaque glazes you use. BUT If you use a synthetic (man made) hair glaze brush as your preference for glazing you will need to consider applying 4 coats to achieve the same coverage as a natural hair brush.

Firing:

The perfect firing range for the Glaze Elements is 05/06. Cone 05 will give you better results. *The term 05/06 means a cone 05 in the sitter if your kiln is a cone sitter model equals a cone 06 on the shelf. (Information from The Orton Cone Foundation).*

But if you are using cone 06, be sure to put that 20 minute hold at the end of the firing cycle. If you do not have a current cone chart, download one from the Orton web site. The temperatures on the charts have changed in the past 10 years, because of a change in the clay body of the cones. By downloading a current firing chart, you will make sure you are firing to temperature.

Orton also makes '05 1/2' cones that can be used in a manual kiln sitter to achieve a witness cone 06 with a 20 minute hold on the shelf. If the cone 05 is too hot then the 05 1/2 may be the answer.

Beyond the Basics:

We will be going so much farther with these products. They are formulated to do much more than simply glazing. The colors are totally inter-mixable. We will help you make those mixes by giving you **Blending Basics**. With the CFE Glaze Elements you will have the basis for hundreds of glaze colors and finishes.

EXTRA... This formula for the Glaze Elements came with a built-in bonus. It self-flattens. You will be amazed at the difference between our NON Toxic Glazes and other Brands.

NOTE: The glazes produce a gloss finish. If a high-gloss finish is desired all you have to do is add 1 coat of CG900 Clear Brushing glaze over the colored glaze.