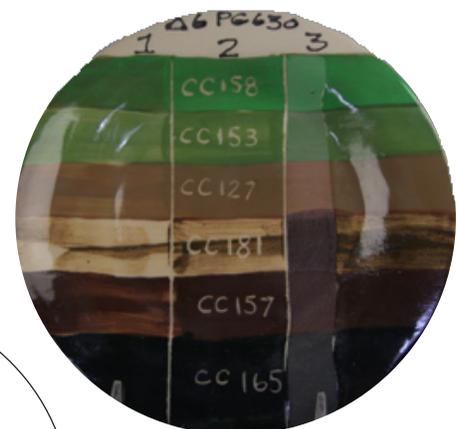
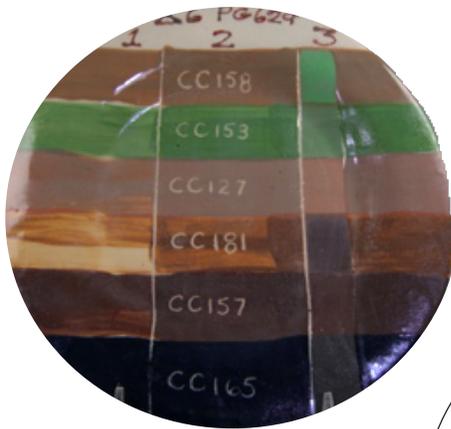


Underglazes have multiple categories as defined in the information you received in the 'terms' section of your #1 class handouts. These examples all deal with the type of underglaze known as an 'engobe'. Engobes are distinguished through their use of clay as the foundation of the formula. They may also be referred to as a slip clay. They contain a high degree of clay which means they are best used on your piece before the object is bisque fired. By doing this you ensure a better and more proper fit as the clay base of the engobe is allowed to bond directly to your piece and do its shrinking at the same time as your piece shrinks during drying and the bisque fire.

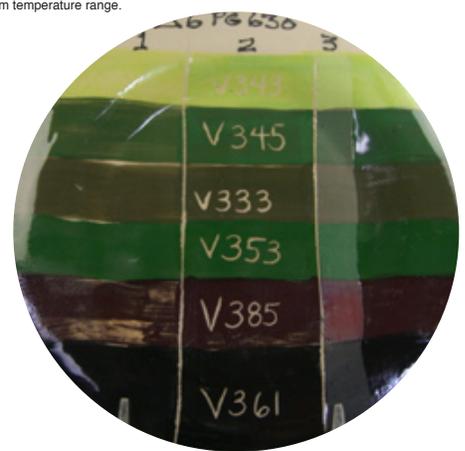
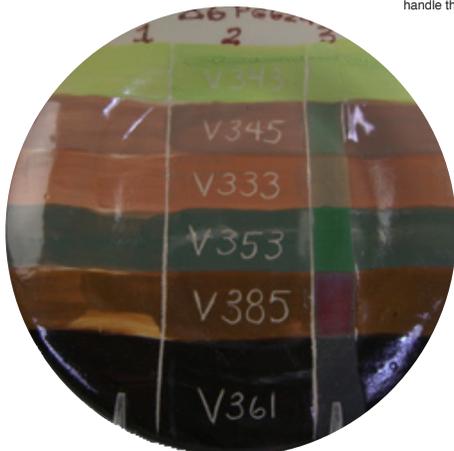
Because the main ingredient in these products is clay, they require a multiple coat application to achieve opacity which is how they are best and intended for use. A true engobe produces a 'dry' surface. Again they made of clay are are intended to offer a clay oriented surface.

PG629 a Zinc bearing glaze

PG630 a Zinc Free glaze

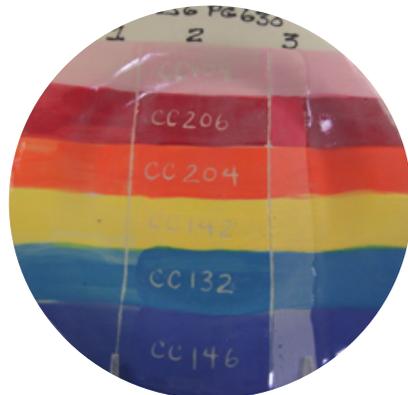
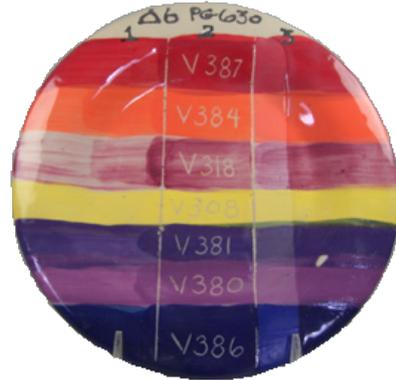
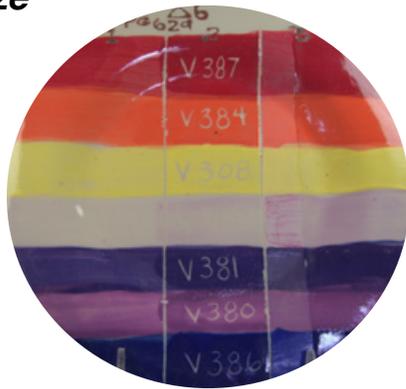


Plates are divided into 4 sections to illustrate application for thickness required and the small test strip with no glaze to inform you of the texture and fired color with no glaze. Why is this important? Color may be dependent on temperature as well as the glaze that covers it! You need to know if that color will be able to handle the °6 temperature range. For chrome-tin (pink) colors °6 is its maximum temperature range.



PG629 a Zinc Bearing glaze

PG630 a Zinc Free



UNDERGLAZES THAT DO NOT CONTAIN CLAY



Underglazes that do not contain clay may be used in a variety of ways. Duncan EZ Stroke is color+ gum for adhesion and brushability. It is intended to be used in 'one stroke', much as you would use watercolors. It may applied on raw clay before bisque, on bisque and glazed as any underglaze, or on top of a raw unfired glaze as a majolica technique.

Duncan Concepts are a hybrid; color + glaze with a high concentration of color. They may be used on bisque as an underglaze or over the top of a raw glaze in the majolica technique. DO NOT apply them to greenware !

We will cover the MAJOLICA technique in a future class and will visit these products again in the future.

