

# Guidelines for Using Laguna Glazes

## [Low Fire Glaze](#) • [Cone 5 Glazes](#) • [Cone 10 Oxidation](#) • [Cone 10 Reduction](#)

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### Low Fire Glazes

Low fire talc bodies provide an excellent medium for ceramic art and a base for a large selection of commercially available textures, satins, satin mattes and vivid gloss colors. Laguna offers an extensive and ever-growing line of lead free, low fire glazes and underglazes perfect for use with our low firing modeling clays such as [EM-207](#) and [EM-210](#).

The use of lead free clear glazes over underglaze colors allows for precise color and design considerations. Laguna's EM-2134 is a spectacular crystal clear transparent, perfect for use over colorful underglazes. Also recommended are the lead free [EM-1000 Series Glazes](#) and the [EM-8000 Series Underglazes](#).

Some hints when using underglaze decorations:

1. Bisque at Cone 05-04 and glaze fire to Cone 06. The higher bisque temperature will burn out material that might otherwise cause problems in the glaze firing.
2. Lead free clear glazes are best when applied very thin. If the glaze surface feels dry, apply a thin coat of glaze and refire.
3. White underglaze may be used to mute underglaze colors

### Cone 5 Glazes

Most of the lead free Cone 5 glazes we offer are formulated to be fired in oxidation. Each has its own distinct surface quality, which will change in relation to the clay body you choose and method of application you employ. If you find the glaze is too thick straight from the container, Laguna recommends portioning what you intend to use into another container and thinning with water to the desired consistency. Always test your application and firing method when using new glazes and clay bodies.

Laguna's Moroccan Sand liquid glazes are formulated for brushing and have been the standard for Cone 5 glazes since the 1970's. This mature series features over 100 glazes in a wide variety of colors and surfaces-all are lead free, certified non toxic and dinnerware safe if fired properly on a compatible clay body. Many will give a reduction fired look to oxidation fired pieces.

Laguna's Specialty Art Glazes, [Crackle Glazes](#), [Crystal Blossom Glazes](#), and [Mystic Glazes](#) offer a stunning variety of texture, mobility and mottling. Within each group, we offer the base glaze for a head start on a unique signature glaze to set off any one of our Cone 5-6 Clays and porcelains. All of these glazes are lead free and certified non toxic. Crackle glazes are not considered dinnerware safe due to the possibility of bacterial growth in the cracks.

### Cone 10 Oxidation

Most stoneware glazes can be fired in oxidation. Cone 10 oxidation firings come into play when more controlled, stable and reliable results are needed. Many commercial manufacturers employ high fire oxidation to produce durable ware with consistent results. Items like fine dinnerware, jewelry and sanitary ware are often fired in this range and atmosphere.

### Cone 10 Reduction

Cone 10 stoneware glazes are unique in that the firing plays such an important role in the process. Most of the Cone 10 glazes we offer are intended to be enhanced by reduction firing. Impurities and trace

metals in the clay and glaze will react with carbon in the kiln atmosphere to create spotting. Reduction firing also causes glazes to attain a warm color and a smooth, durable surface quality. Oxides react in various and sometimes spectacular ways depending on the glaze compositions. Each firing creates a certain unique quality in the ware.