DRY GLAZE MIXING INSTRUCTIONS

Laguna's dry (powder) glazes are formulated for spraying or dipping over bisque. To adapt these glazes for brushing, add brushing medium (find in Raw Materials Section) to the dry glaze powder. Read carefully before mixing, write out your stepwise instructions before starting, formulate and mix per your glaze choice and specific application as indicated below. Wear appropriate gloves and mask while mixing your glaze. Approximately 8 to 11 ounces of water per pound of dry glaze will be needed, but the amount needed varies per glaze. Add additional water if glaze is too thick immediately after mixing. Some glazes gel when left undisturbed, mix aggressively before adding water during subsequent uses.

Low tech instructions (mixing with a dowel or narrow board)

1. Measure 2/3rds of water into a clean plastic bucket. Reserve the other 1/3 of the water in a container which will allow you to pour it easily.

2. Slowly sift (do not dump in all at once) dry glaze into 2/3rds of the water in the bucket while continuously mixing. Scrape the sides and bottom of the bucket often and mix thoroughly.

3. Check viscosity by dipping your gloved fingers and assess for appropriate thicknesses as described below.

- clear dipping glazes (half and half consistency)
- color dipping glazes (whole milk)
-spraying (heavy cream consistency)

brushing (yogurt consistency) mix brushing medium with dry glaze prior to water or replace a portion of the water with gum solution Add the remainder of the water in portions. Stir and assess the thickness between each addition and do not add any more water after the desired thickness is obtained.

4. Screen through the appropriate mesh after blending with water to achieve the desired results.
(Typically, 80-100 mesh sieves.) Disregard if specific glaze instructions state not to sieve.

5. For best results allow to sit for a period of 24 hours before being remixed and then applied.

Power mixer instructions (mixing with a variable speed drill and a mixing attachment)

1. Measure 2/3rds of water into a clean plastic bucket.
Reserve the other 1/3 of the water in a container which will allow you to pour it easily.

2. Slowly sift (do not dump in all at once) dry glaze into 2/3rds of the water in the bucket while continuously mixing. Scrape the sides and bottom of the bucket often and mix thoroughly. Add the remainder of the water in portions. Stir, shut off the drill and assess the thickness between each addition by dipping your gloved fingers and assess for appropriate thicknesses as described below.

-color dipping glazes (whole milk)
-clear dipping glazes (half and half consistency)
-spraying and 60-65 for brushing. (Heavy cream consistency)

3. When you see the approximate desired thickness check viscosity with a hydrometer. The hydrometer reading should be approximately:

-55 for color dipping glazes
-46-47 for clear dipping glazes
-60 for spraying
-65 for brushing.
(Measuring a very thick material with a hydrometer can lead to a misleading result.)

4. Screen through the appropriate mesh after blending with water to achieve the desired results. (Typically, 80-100 mesh sieve) Disregard if specific glaze instructions state not to sieve.

5. For best results allow the mixed glaze to rest for a period of 24 hours before being remixed and then applying.

Mixing MS 125-134

Moroccan Sand Satin Texture Glazes For best results add water and mix Satin Texture Glazes right before use. Due to the chemical composition of these glazes, they are best used right after they are mixed with water. When left sitting overnight after the water has been added, it is our experience they will 'jell up'. If water is added after 24 hours to correct the thickness, the glaze tends to crawl.

NOTE* The following instructions and batch measurement guidelines are intended as a general reference. Also, none of the information in this section applies to Laguna Raku glazes; refer to the raku glaze mixing instructions.