



Mixing Instructions		
To liquify 1 pound of the following glazes, add:	Water	Approximate Yield
1068, 1185, 1221, 1230, 1231, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244	13 Ounces	19.5 Ounces
532, 1049, 1065, 1071, 1110, 1111, 1194, 1215, 1216, 1217, 1218, 1219, 1224, 1232, 1233, 1234, 1235, 1236	14 Ounces	21 Ounces
1069, 1087, 1088, 1112, 1113, 1118, 1119, 1198, 1200, 1201, 1205, 1206, 1207, 1214, 1222, 1223, 1225, 1226, 1227, 1228, 1229, 1245, 1246, 1261	15 Ounces	22.5 Ounces
1066, 1067, 1125, 1199, 1208, 1209, 1210, 1211, 1212, 1220	16 Ounces	24 Ounces

For consistent results, we have calculated the necessary specific gravity for each of our glazes. Please visit our website at: <https://standardceramic.com/pages/c-5-6-dry-glaze-mixing-instructions>

1 Gallon = 8 Pints or 128 Ounces. 1 Pint = 16 Ounces. 1 Cup = 8 Ounces.

Liquified glazes should be passed through a 60 or 80 mesh sieve.

APPLICATION

DIPPING: Immerse for 3 seconds, let dry 5 minutes, then repeat if desired.

POURING: An uninterrupted flow is crucial for good results. Avoid overlaps.

BRUSHING: Apply 2 coats, let first coat dry before applying second. A third coat may be necessary.

SPRAYING: Thin glaze by adding at least 10% more water. Let dry between coats.

LAYERING GLAZE #1198: Use as a base glaze. Let dry before adding a glaze over it. Results will differ depending on number of top coats applied. Due to the fact that some glazes tend to run more than others, testing should be done with all combinations.

LAYERING WITH OTHER STANDARD GLAZES: If layering glazes, the amount of water will need to be increased from the amounts listed in the mixing instructions chart above.

If glazes are settling out while stored, you can add glaze suspender as directed below or add 2% Bentonite. Sieve through a 60 or 80 mesh sieve.

USING SUSPENDERS

Suspender #1457: Take 2 tablespoons or 14 grams of suspender and add to 1 pint of hot water. Mix or shake in covered jar and let stand overnight until completely dissolved. Glaze can be adjusted by adding 1/8 cup or 1 ounce of liquid suspender to 1 pint of liquid glaze.

Suspender #1026: Add 1/4 teaspoon or 1 gram of dry suspender to 1 pound of dry glaze. Mix thoroughly, then add water. Mix and screen through 60 or 80 mesh sieve.

AMOUNTS OF EPSOM SALT NEEDED TO SUSPEND A GLAZE

- 1# GLAZE - ADD 1/4 GRAM OR 5 MEDIUM PIECES OF EPSOM SALT
- 2# GLAZE - ADD 1/8TH OF A TEASPOON OR 1/2 GRAM OF EPSOM SALT
- 5# GLAZE - ADD 1/4 TEASPOON OR 1 GRAM OF EPSOM SALT
- 10# GLAZE - ADD 1/2 TEASPOON OR 2 GRAMS EPSOM SALT
- 25# GLAZE - ADD 1 1/4 TEASPOONS OR 5 GRAMS EPSOM SALT
- 50# GLAZE - ADD 2 1/2 TEASPOONS OR 10 GRAMS EPSOM SALT

Mix Epsom salt with a small amount of hot water and add to liquid glaze. Mix thoroughly and let sit for 1 - 2 hours. Glaze will thicken, only add a small amount of water to thin.

Laguna Clay Company DRY GLAZE MIXING INSTRUCTIONS

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

General: 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)

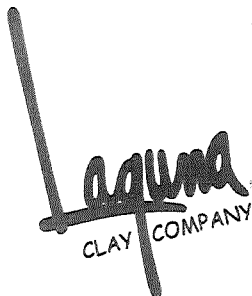
1. Measure 2/3rds of water into a clean plastic bucket.
Reserve the other 1/3 of the water in a container which will allow you to pour it easily.
2. Slowly sift (do not dump in all at once) dry glaze into 2/3rds of the water in the bucket while continuously mixing. Scrape the sides and bottom of the 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 solutionAdd 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.

Batch Measurement Guidelines

Mix a small batch to determine your optimum water content. For specific recommendations on how much water to add call 1-800-4Laguna



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.

Raku Glaze Mixing Instructions are provided on another sheet

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201104DryGlaze