

DRY GLAZE MIXING INSTRUCTIONS

When preparing a glaze for pouring, dipping or spraying application, the addition of Bentonite is usually required to help keep the glaze in suspension and increase the drying time. If the glaze is to be used for brushing application, C.M.C. Powder and Bentonite must be added. C.M.C. acts as a binder and allows the glaze to flow smoothly.

The following instructions are intended only as a general guideline. The use of a NIOSH approved respirator is highly recommended.

1. For brushing only-Mix C.M.C. Powder (22 grams) with a small amount of warm water (32 ozs.) and age for a day or two.
2. Blend Bentonite into the dry glaze.
3. Measure water into a clean plastic bucket of adequate size.
4. Screen or sieve dry material slowly into the water while continuously mixing. Scrape sides and bottom of bucket often and mix thoroughly.
5. For brushing glaze add C.M.C./water solution and mix thoroughly. (See No. 1 above)
6. Glazes should be screened through the appropriate mesh to achieve the results desired. (Typically, 30-80 mesh sieves.)
7. Glazes are usually best when they have been mixed and allowed to sit for a period of 24 hours before being remixed and then applied.

Pounds of dry glaze

1 pound

10 pounds

50 pounds

Dipping Glaze

Water	10.5 to 11.5 oz	105 to 115 oz	4 gal.+ 13 oz. to 4 gal.+63 oz.
Bentonite	0 to 2.3 g	0 to 22.6 g	0 to 114 g

Spraying Glaze*

Water	7.5 to 8.5 oz	75 to 85 oz	2 gal.+ 119 oz. to 3 gal.+41oz.
Bentonite	1.1 to 3.4 g	11 to 34 g	57 to 170 g

Brushing Glaze

Water	6.5 to 7.5 oz	65 to 75 oz	2 gal.+ 69 oz. to 3 gal.+ 9 oz.
Bentonite	4.5 to 6.8 g	45 to 68 g	227 to 340 g
C.M.C. powder	2.3 to 3.4 g	23 to 34 g	114 to 170 g

* The use of a NIOSH approved respirator when spraying is highly recommended.

***REMEMBER: This is just a very close measment for glazes. This will help you to achieve your target. Any questions, contact Crossroads Pottery and Clay Co. for more help.