

HOW TO USE MASON STAINS

AS STAINS

You can use stains for brushwork designs over or under glazes, or use stains to show off texture and surface work on unglazed clay.

For Cone 10

Mix one part stain to one part feldspar
(CH320 Custer Feldspar or CH322 Minspar 200.)

For Cone 4-6

Mix one part stain to one part CH344 Nepheline Syenite.

For Cone 06

Mix one part stain to one part CH394 Ferro Frit 3110 or CH395 Ferro Frit 3124.
You can also use CH324 Gerstley Borate with one part stain, instead of the Ferro Frits. Adding small amounts of CMC Gum or Vee-Gum Cer add brushability and durability.

IN GLAZE

When making your own glazes, the liquid glaze should reach the consistency of whole milk. Add Mason Stains by weight as a percentage of the dry ingredients.

Green, Blue or Black stains = 0.5 to 3%

Yellow, Pink or Purple stains = 2 to 8%

IN CLAY

Add Mason stains by weight as a percentage of dry ingredients when mixing your own clay. When coloring moist clay, allow for 30% water, then add Mason Stains as a percentage of the dry ingredients' total weight (ie, 17½ pounds dry ingredients out of 25 pounds total weight of clay).

Green, Blue or Black stains = 2 to 5%

Yellow, Pink or Purple stains = 5 to 10%

AS ENGOBE OR UNDERGLAZE

Engobes and underglazes should reach the consistency of cream. Add Mason Stains by weight as a percentage of the total dry ingredient weight.

Green, Blue or Black stains = 3 to 10%

Yellow, Pink or Purple stains = 8 to 15%

BASE RECIPES

For Lowfire (cone 08-1)

CH382	..... English Grolleg Kaolin	25%
CH375	..... Ball Clay Kentucky OM4	25%
CH391	..... Ferro Frit 3134	15%
CH362	..... Talc California 325-mesh	5%
CH355	..... Silica 200-mesh	20%

For Midrange (cone 4-7)

CH382	..... English Grolleg Kaolin	25%
CH375	..... Ball Clay Kentucky OM4	25%
CH344	..... Nepheline Syenite	15%
CH362	..... Talc California 325-mesh	5%
CH355	..... Silica 200-mesh	20%

For Highfire (cone 8-10)

CH406	..... Six-Tile Kaolin	10%
CH382	..... English Grolleg Kaolin	25%
CH375	..... Ball Clay Kentucky OM4	25%
CH320	..... Custer Feldspar -or-	
CH322	..... Minspar 200	20%
CH355	..... Silica 200-mesh	20%