

Recipes

Glossy Clear Base Glaze (Cone 5)

Whiting.....	4.00%
Frit 3195 (Ferro).....	40.50
G-200 Feldspar.....	16.50
Bentonite.....	2.50
Edgar Plastic Kaolin	6.50
Flint (400 mesh).....	<u>30.00</u>
	100.00%

Color variations are possible with the following additions:

<i>Opaque White:</i>	
Zircopax	15.00%
<i>Translucent Pink:</i>	
Whiting.....	10.00%
Mason Stain 6002	6.00%
<i>Translucent Pale Purple:</i>	
Mason Stain 6332	4.00%
<i>Translucent Dark Red-Purple:</i>	
Whiting.....	10.00%
Mason Stain 6003	5.00%
Mason Stain 6338	0.50%
<i>Opaque Pale Blue:</i>	
Zircopax	15.00%
Mason Stain 6364	3.00%
<i>Translucent Pale Blue:</i>	
Cobalt Carbonate	0.75%
Iron Oxide	0.75 %
<i>Translucent Dark Blue:</i>	
Cobalt Carbonate	2.00%
Iron Oxide.....	1.00%
<i>Translucent Teal Blue:</i>	
Mason Stain 6371	0.75%
<i>Translucent Yellow:</i>	
Mason Stain 6450	6.00%
<i>Translucent Orange:</i>	
Mason Stain 6450	5.00%
Light Tone Rutile	10.00%
<i>Translucent Pale Green:</i>	
Copper Carbonate.....	2.00%
<i>Translucent Dark Green:</i>	
Copper Carbonate.....	6.00%
<i>Translucent Pale Brown:</i>	
Manganese Dioxide.....	4.00%
<i>Translucent Dark Brown:</i>	
Manganese Dioxide.....	8.00%
Mason Stain 6600	0.50%
<i>Black:</i>	
Mason Stain 6600	8.00 %

Bronze Tan Matt (Cone 5)

Whiting.....	21.51%
Zinc Oxide.....	9.14
G-200 Feldspar.....	50.54
Edgar Plastic Kaolin	12.90
Flint (400 Mesh).....	5.91
	100.00%
Add: Bentonite	2.15%
Light Rutile.....	5.38%

For Bronze Green Matt, add 0.5% cobalt oxide and 3% copper carbonate; for Bronze Blue Matt, add 1% cobalt oxide.

I use commercial stains to lessen the pitting and bubbling common to low-fire glazes colored with oxides and carbonates. The use of stains also widens the choice of colors. I opacify most of the Cone 06 glazes for true colors on the dark red earthenware clay we use, as its fired strength is superior to white or buff earthenware bodies. The red earthenware is also more plastic and forgiving, an important consideration for beginning potters.

Glossy Clear Base Glaze (Cone 06)

Frit 3124 (Ferro)	85.0%
Edgar Plastic Kaolin	<u>15.0</u>
	100.0%

Color variations are possible with the following additions:

Opaque White:

Zircopax.....	16.0%
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Opaque Pink:

Zircopax	11.0%
Mason Stain 6001	6.0%

Opaque Purple:

Zircopax	11.0%
Mason Stain 6331	5.0%

Opaque Red-Crimson:

Zircopax	11.0%
Mason Stain 6003	5.0%

Opaque Yellow:

Zircopax.....	11.0%
Mason Stain #6450	5.0%

Translucent Oranye-Mustard:

Mason Stain 6450	5.0%
Light Tone Rutile	10.0%

Opaque Light Green:

Zircopax	11.0%
Mason Stain 6271	1.0%

Translucent Dark Green:

Mason Stain 6271	2.0%
Black Mason Stain #6600	0.5%

Opaque Pale Blue:

Zircopax	11.0%
Mason Stain 6364	3.0%

Opaque Medium Blue:

Zircopax	11.0%
Mason Stain 6313	1.0%

Translucent Dark Blue:

Mason Stain 6386	1.0%
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Translucent Brown:

Iron Oxide.....	2.0%
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Black:

Mason Stain 6600	8.0%
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Stoneware vase with cane handle, 10 inches tall, \$25, and stoneware coffee mug, 4 inches tall, \$12, by Susan Nykiel; stoneware vase, 9 inches tall, \$75, by Ray Bub.

A base matt glaze was adapted from a recipe given by Father Anthony Bellasor in the February 1994 CM.