

**Baltimore Clayworks
Glaze, Slip and Wash Recipes
2011**

1-2-3-4 Celadon

EPK	1000	500
Whiting	2000	1000
Flint (200 mesh)	3000	1500
Minspar 200	4000	2000
Red Iron Oxide	100	50
Bentonite	200	100
Epsom Salt	1 tsp.	½ tsp.

Chun's Blue

Potash Feldspar	4100	2050
Flint	3000	1500
Dolomite	1200	600
Om-4 Ball Clay	1000	500
Whiting	700	350
Copper Carbonate	100	50
Rutile	400	200

Glossy White

EPK	1000	500
Flint (200 mesh)	3000	1500
Whiting	2000	1000
MinSpar 200	4000	2000
Zircopax	1000	500

Haystack Yellow-Brown

Custer Feldspar	4222	2111
Cornwall Stone	1889	944.5
Whiting	1889	944.5
OM-4 Ball Clay	1000	500
EPK	667	333.5
Zinc Oxide	333	166.5
Rutile	440	220
RIO	670	335
Bentonite	200	100

Matte Clear

Cornwall Stone	4520	2260
Dolomite	900	450
Gerstley Borate	610	305
Whiting	980	490
EPK	1970	985
Flint	960	480

Reitz Green

Neph Syenite	7000	3500
Petalite	1500	750
Om-4 Ball Clay	800	400
Whiting	500	250
Gillespie Borate	200	100
Cobalt Carbonate	100	50
Rutile	100	50
Bentonite	200	100

Copper Red

Custer Feldspar	4470	2235
Whiting	1260	630
Talc	330	165
Zinc Oxide	420	210
Frit 3134	830	415
EPK	490	245
Flint	2200	1100
Copper Carbonate	100	50
Tin Oxide	150	75
Bentonite	100	50

Shaner's Clear – revised

Custer Feldspar	3200	1600
Flint	3190	1595
Whiting	1680	840
EPK	1460	730
Bentonite	200	100

Malcolm Davis Carbon trap Shino

Neph Syenite	4500	2250
Kona F-4	1080	540
Om-4 Ball Clay	1520	760
EPK	2000	1000
Soda Ash	1900	950
For Malcolms Red add		
Redart	660	330

Shino – orange to white

MinSpar 200	3500	1750
Spodumene	3000	1500
EPK	1000	500
Soda Ash	800	400
Neph Syenite	1500	750
Ball Clay	500	250
Bentonite	200	100

Sonya's Blue

Whiting	2490	1245
EPK	2485	1242.5
Cornwall Stone	2260	1130
Custer Feldspar	1250	625
Flint	980	490
Dolomite	450	225
Gerstley Borate	305	152.5
Copper Carbonate	162.5	81.25
Rutile	150	75
Cobalt Carbonate	12.5	6.25
Bentonite	100	50

Temmoku

Custer Feldspar	4400	2200
Flint	2200	1100
EPK	1000	500
Whiting	1600	800
Red Iron Oxide	900	450

Tomato Red

MinSpar 200	4320	2160
Flint	2320	1160
EPK	640	320
Magnesium Carbonate	640	320
Bone Ash	1040	520
Red Iron Oxide	640	320
Bentonite	120	60

Turquoise Matte

Whiting	4000	2000
Custer Potash Feldspar	2500	1250
EPK	3000	1500
Flint	1000	500
Copper Carbonate	325	162.5
Rutile	300	150
Cobalt Carbonate	25	12.5
Bentonite	200	100

Val's Satin Matte

Custer Feldspar	2000	1000
MinSpar 200	2000	1000
Whiting	200	100
Dolomite	1500	750
Flint	2000	1000
Ball OM 4	1000	500
Talc	1300	650
Cobalt	300	150
Red Iron Oxide	300	150
Chrome Oxide	100	50

Wensu Blue

EPK	1000	500
Flint	2500	1250
Whiting	1500	750
Custer Potash Feldspar	4000	2000
Talc	1000	500
Cobalt Oxide	100	50
Rutile	300	150

Yellow Satin/Matte (Cushing)

Neph Syenite	6390	3195
Dolomite	2110	1055
zircopax	1600	800
OM-4 Ball	430	215
Bentonite	400	200
Red Iron Oxide	150	75

Green Mint Satin/Matte (Cushing)

Neph Syenite	6390	3195
Dolomite	2110	1055
zircopax	1600	800
OM-4 Ball	430	215
Bentonite	400	200
Copper Carbonate	200	100

Slips**Black Slip / Engobe**

Minspar 200	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100
Mason Stain #6600	100

Blue Slip / Engobe

Minspar 200	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100
Cobalt Carbonate	100

Blue Green Slip / Engobe

Minspar 200	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100
Chrome Oxide	80
Cobalt Carbonate	15

Brown Slip / Engobe

Minspar 200	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100
Red Iron Oxide	100

Green Slip / Engobe

Minspar 200	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100
Chrome Oxide	100

White Slip / Engobe

Minspar	700
OM-4 Ball Clay	200
Talc	100
Bentonite	100

White Engobe all purpose (from MICA)

EPK	400	200
OM4	400	200
Neph Syenite	500	250
Flint	600	300
Borax	100	50
Bentonite	100	50

Washes

Black Wash

OM-4 Ball Clay	25
Neph Syenite	25
Red Iron Oxide	16.25
Cobalt Oxide	16.25
Manganese dioxide	16.25

Blue Wash

OM-4 Ball Clay	25
Neph Syenite	25
Red Iron Oxide	25
Cobalt Oxide	25

Green Wash

OM-4 Ball Clay	25
Neph Syenite	25
Chrome Oxide	50

Red Iron Oxide Wash

OM-4 Ball Clay	25
Neph Syenite	25
Red Iron Oxide	50

Rutile Wash

OM-4 Ball Clay	25
Neph Syenite	25
Red Iron Oxide	30
Rutile	30
Gerstley Borate	30