

**Baltimore Clayworks
Glaze, Slip and Wash Recipes
2013**

hydrometer

1-2-3-4 Celadon		h-55	
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 tbsp.		½ tbsp.
Chun's Blue		h-55	
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		h-55	
EPK	1000		500
Flint (200 mesh)	3000		1500
Whiting	2000		1000
MinSpar 200	4000		2000
Zircopax	1000		500
Epsom Salt	1 tbsp.		½ tbsp.
Haystack Yellow-Brown		h-50	
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
Ice Clear / Blue ^10		h-	
Minspar 200	3300		1650
EPK	1500		750
Flint (200 mesh)	3200		1600
Whiting	2000		1000
Bentonite	200		100
Epsom Salt	1 tbsp		½ tbsp

Matte Clear		h-45	
Cornwall Stone	4520		2260
Dolomite	900		450
Gerstley Borate	610		305
Whiting	980		490
EPK	1970		985
Flint	960		480
Reitz Green		h-55	
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		h-55	
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		h	
Custer Feldspar	3200		1600
Flint	3190		1595
Whiting	1680		840
EPK	1460		730
Bentonite	200		100
Epsom Salt	1 tbsp.		½ tbsp.
Pete's Malcolm Davis Carbon trap Shino		h-45	
Neph Syenite	3866		
Custer Feldspar	930		
Om-4 Ball Clay	1300		
EPK	1700		
Soda Ash	2130		
Bentonite	200		
Redart 5%	570		

Shino – orange to white**h-50**

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**h-45**

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**h-55**

Custer Feldspar	4400	2200
Flint	2200	1100
EPK	1000	500
Whiting	1600	800
Red Iron Oxide	900	450
Epsom Salt	1 tbsp.	½ tbsp.

Tomato Red**h-45**

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**h-50**

Whiting	4000	2000
Custer Potash Feldspar	2500	1250
EPK	3000	1500
Flint 200 mesh	1000	500
Grolleg – china clay	250	125
Copper Carbonate	325	162.5
Rutile	300	150
Cobalt Carbonate	25	12.5
Bentonite	200	100

Val's Satin Matte		h-55	
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 Oxide	300		150
Red Iron Oxide	300		150
Chrome Oxide	100		50
Wensu Blue		h-55	
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)		h-53	
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)		h-53	
Neph Syenite	6390		3195
Dolomite	2110		1055
zircopax	1600		800
OM-4 Ball	430		215
Bentonite	400		200
Copper Carbonate	200		100
Randi's Green		h-45	
Flint/Silica 200mesh	1613		806.50
Whiting	882		441
OM-4 ball	1008		504
Custer Spar	2400		1200
Minspar 200	1764		882
Zircopax	756		378
Dolomite	612		306
Strontium	1260		630
Copper Carb.	600		300
Tin Oxide	400		200
Bentonite	300		150

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

Reitz White Slip ^10 *Leather-hard application only*

Grolleg – China Clay	500
OM-4 Ball Clay	150
Flint/Silica	150
Frit 3124	100
Custer Feldspar	100
Bentonite	10

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 Oxide Wash**

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

Blue Oxide Wash

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

Green Oxide 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 Oxide Wash

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