

Shinos

RED SHINO

Nepheline Syenite 20.50;

EPK 9.00;

Soda Ash 8.50;

OM-4 7.00;

NC-4 spar 5.00;

Red Art 3.00;

53.00;

McCauliffe Carbon-Trap Shino Glaze (Cone 10, reduction)

Soda Ash	4.0%
Spodumene	15.2
Kona F-4 Feldspar	18.4
Nepheline Syenite	45.0
Edgar Plastic Kaolin	2.4
Kentucky Ball Clay (OM 4) ..	15.0
	100.0%

Carbon Trap Orange Glaze

(Cone 10, reduction)

Soda Ash	12%
Spodumene	9
Kona F-4 Feldspar	13
Nepheline Syenite	40
Cedar Heights Redart	3
Edgar Plastic Kaolin	8
Kentucky Ball Clay (OM 4) ...	15
	100%

Malcolm Davis Red Shino Glaze

(Cone 10, reduction)

Soda Ash	7.00%
Kona F-4 Feldspar	10.34
Nepheline Syenite	42.94
Cedar Heights Redart	6.34
Edgar Plastic Kaolin	18.91
Kentucky Ball Clay (OM 4) ..	14.47
	100.00%

Thick White Shino Glaze

(Cone 10, reduction)

Soda Ash	8%
Spodumene	29
Kona F-4 Feldspar	34
Nepheline Syenite	14
Edgar Plastic Kaolin	10
Kentucky Ball Clay (OM 4) ...	5
	100%

Sprague Shino Glaze

(Cone 10, reduction)

Soda Ash	4.04%
Spodumene	15.35
Kona F-4 Feldspar	18.59
Nepheline Syenite	45.45
Kentucky Ball Clay (OM 4) ..	16.57
	100.00%

Shino (Carbon Trap) cone 10

Custer Feldspar.....	1458gr
Spodumene.....	1250gr
EPK.....	291gr
Soda Ash.....	333gr
Nepheline Syenite.....	5000gr
Ball.....	600gr

Altered Bray Shino cone 9 red/ox.

Kona F-4	18.4
Spodumene.....	15.2
Soda Ash.....	4
Nephy Sy.....	45
OM 4.....	16.4
Add: Lithium carb.....	5%

Light olive over white body or slip.

Bray Shino

Kona F-4	8.
Spod	6.68
Soda ash	1.76
Neph sy	19.83
OM4	7.2

Orange Red Shino cone 10

Soda Ash.....	400gr
Kona F4 Feldspar.....	1100gr
Nepheline Syenite.....	4500gr
Spodumene.....	1500gr
Ball.....	1500gr
EPK.....	1000gr

Shark Skin Shino cone 9/12

Neply Sy.....	64
Ball Clay.....	27
Soda Ash.....	9

Creamy to black white orange.

Kaupils Shino cone 10/12 red.

Neply Sy.....	45
Custer.....	11
Spodumene.....	15
Ball Clay.....	11
EPK.....	10
Soda Ash.....	4

A wash of 0.5 copper and 0.5 ochre is a great wash over the shino.

Archie Bray Shino cone 10/12

Kona F-4.....	18.4
Spodumene.....	15.2
Soda Ash.....	4
Neply Sy.....	45
OM 4.....	16.4

Better than a landscape; everytime.

Add: 5% Turquoise stain for turquoise shino.

Warren Mackenzie Shino cone 10/12 red

Custer.....	42
Spodumene.....	36
EPK.....	12
Soda Ash.....	9

SHINO OESTERICH

NEAT SY.	450
F-4 SPAR	108
SPODUMENE	152
JM-4	150
EPK	100
SODA ASH	40

Quartz Shino

F4.	10.8
Spod	15.2
EPK.	10.0
Soda Ash	4.0
Neply Sy	45.0
Ball	15.0

Jim's Sinter Shino Glaze
(Cone 9-12, reduction)

Soda Ash	5%
Nepheline Syenite	20
Spodumene	10
Calcined Alumina (325 mesh)	65
	100%
Add: Bentonite	5%

A dry white to orange glaze, depending on underlying clay. For orange brown, add 1-3% iron oxide. For blues, add 1-3% cobalt carbonate. Add rust particles for iron specking. Flashes in salt/soda or wood firing. Good over oxide washes.

Australian Shino

Cone 9-10 Reduction
used by Jack Troy

Nepheline Syenite	55.0%
Potash Feldspar	17.0
Ball Clay	14.0
Kaolin	14.0
TOTAL:	100.0%
add Salt	3.0%
Bentonite	5.0%

Porcelain Shino cone 10 red.

Spodumene.....	30
EPK.....	5
Soda Ash.....	8
Nephy Sy.....	39
OM 4.....	17

Steve's LCT Carbon Trap

Neph. Syenite	84
Lithium	8
EPK	5
Flint	5
Soda Ash	10
(used in soda kiln cone 9)	

SHINO cone 9-11

Kona F-4 Feldspar.....	14.58gr
Spodumene.....	12.50
E.P.K.	2.91
Soda Ash.....	3.33
Nepheline Syenite.....	50.00
OM 4 Ball clay.....	16.66

**Carbon-Trap Glaze
(Cone 10, reduction)**

Soda Ash	7.77 %
Kona F-4 Feldspar	33.98
Nepheline Syenite	14.56
Spodumene	29.13
Edgar Plastic Kaolin	9.71
Kentucky Ball Clay	4.85
(OM 4)	100.00 %

**Gustin Shino
(Cone 11)**

Soda Ash	4.0 %
Kona F-4 Feldspar	10.8
Nepheline Syenite	45.0
Spodumene	15.2
EPK (Edgar Plastic Kaolin)	10.0
Kentucky Ball Clay (OM 4)	15.0
.....	100.0 %

**Anderson Ranch Shino Slip
(Cone 10-11)**

Soda Ash	3.20 %
Spodumene	12.16
Kona F-4 Feldspar	8.64
Nepheline Syenite.....	36.00
Edgar Plastic Kaolin	28.00
Kentucky Ball Clay (OM 4) ..	12.00
.....	100.00 %

I add 3%-5% bentonite for use on porcelain.

GREEN SHINO(green to gold)

Soda ash	163
Kona Feldspar	92
Nepheline Syenite	386
EPK	172
OM4 Ball clay	130
Red Art Clay	57

RED SHINO (uniform dark b

Nepheline Syenite	910
Kaolin	90
Red Horse Clay	150
Bentonite(must blunge)	20

**210 White Shino
1260°C (2300°F)**

Feldspar (Potassium)	40 %
Nepheline Syenite	40
Kaolin	20
.....	100 %
Add: Bentonite	1 %

**215 Brown Shino
1260°C (2300°F)**

Whiting	5 %
Feldspar (Potassium)	12
Nepheline Syenite	72
Petalite	5
Kaolin	6 %
.....	100 %
Add: Ochre	18 %
Bentonite	2 %

**Shino Slip
(Cone 11)**

Soda Ash	3.20 %
Kona F-4 Feldspar	8.64
Nepheline Syenite	36.00
Spodumene	12.16
EPK (Edgar Plastic Kaolin)	28.00
Kentucky Ball Clay (OM 4)	12.00
.....	100.00 %

**Orange Carbon
Trapping Shino
Cone 10**

courtesy of "American Shino"

Nepheline Syenite	40.00%
OM-4 Ball Clay	15.00
Soda Feldspar	13.00
Soda Ash	12.00
Spodumene	9.00
EPK	8.00
Redart Clay	3.00
TOTAL:	100.00%

Gray Shino

*(Cone 10 - apply over iron slip)
courtesy of "American Shino"*

Nepheline Syenite	50.00%
Spodumene	30.00
EPK	9.00
Alumina Hydrate	7.00
Bentonite	4.00
TOTAL:	100.00%

HARA SHINO

Custer Feldspar	60
Whiting	10
EPK	10
Flint	12
Cornwall Stone	8
.....	100

SHINO

Nepheline Syenite	50
Spodumene	20
Ball Clay	15
EPK	10
Bentonite	3
.....	98

SHINO #21(brown gold lustre)

NC- 4 Feldspar	217
Nepheline Syenite	217
Spodumene	130
Whiting	88
Alberta Slip	88
EPK	130
Old Mine #4	130

"JIM'S SHINO" Δ10

Neph Sy	54
Spodumene	36
Bentonite	4.5
Ultrax	5.5
Add Epsom Salt	.25

SHINO CRACKLE SLIP Δ10

Neph Sy	36
Kona F-4	9
Spodumene	13
EPK	28
OM-4 Ball Clay	12
Bentonite	2

PORCELAIN—TYPE SHINO Δ10

Spodumene	30
EPK	5
Soda Ash	8
Neph Sy	39
OM-4 Ball Clay	17

WOOD-FIRE SHINO Δ11

Spodumene	15
Kona F-4	11
Soda Ash	4
EPK	10
OM-4 Ball Clay	15
Neph Sy	45
Bentonite	2

WIRT SHINO

Kona F-4 Spar	18
Spodumene	15
Soda Ash	4
Neph Sy	46
Tennessee Ball Clay	10
Bentonite	2

SHINO

Soda Ash	50
Ball Clay	50

FELDSPATHIC SHINO Δ10

Custer Feldspar	30
Neph Sy	39
OM-4 Ball Clay	17
Helmar (Ball Milled)	5
Salt	8

SHINO Δ8-10

Neph Sy	48
Spodumene	28
EPK	9
Soda Ash	5
Alumina Hydrate	5

GRAY SHINO (Apply Iron Slip)

Neph Sy	50
Spodumene	30
EPK	9
Bentonite	4
Alumina Hydrate	7

SHINO WOOD-FIRED Δ12

Neph Sy	50
Lepidolite	20
Ball Clay	15
EPK	10

SHINO Δ10

Soda Ash	4
Spodumene	15.2
Kona F-4	18.4
Neph Sy	45
EPK	2.4
OM-4 Ball Clay	15

FERG'S SHINO Δ11

Neph Sy	50
Ball Clay	16.7
Soda Feldspar	14.6
Spodumene	12.5
EPK	4.2
Soda Ash	2
+ Bentonite	1.5

CARBON TRAPPER Δ11

Soda Feldspar	43.8
Spodumene	37.5
Soda Ash	10
EPK	8.7
+ Bentonite	2.5

SHINO Δ12

Soda Ash	7.77
Kona F-4	33.98
Neph Sy	14.56
Spodumene	29.13
EPK	9.71
OM-4 Ball Clay	4.85

SHINO (Woodfired)

Soda Ash	8.08
Spodumene	30.30
Neph Sy	39.40
Ball Clay	17.17
EPK	5.05

Shaner Shino Slip
(Cone 10, reduction)

Soda Ash	4.73%
Spodumene	17.99
Kona F-4 Feldspar	12.78
Nepheline Syenite	5.33
Edgar Plastic Kaolin	41.42
Kentucky Ball Clay (OM 4)	17.75
	100.00%

Schwieger Liner Glaze
(Cone 4-14, reduction)

Colemanite	50%
Plastic Vitrox	50
	100%

Shino-Orange Red

Soda Ash	4
Kona F-4	11
NS	45
Spodumene	15
Kentucky Ball Clay	15
EPK	10
	100

Scott's Carbon Trap Shino

NS	4900
EPK	1820
Soda Ash	1730
Kentucky Ball Clay	1380
Kona F-4	980
Red Art Clay	600
	11,410

PETE'S GOLD SHINO

Nepheline Syenite	50
Spodumene	15
325-Mesh Mica Powder	20
Ball Clay	15
Soda Ash	6

CERRITOS SHINO

Soda Ash	4
Custer feldspar	11
Neph Syenite	45
Spodumene	15
K Ball Clay	15
EPK	10