

Ash Glazes

(W) "MIXED ASH" GLAZE
 C/9-10 Reduction
 Drippy yellowish
 CUSTER SPAR - 30
 ANY MIXED WASHED ASH - 45
 YELLOW OCHRE - 25
 K. MANGUS - 1986

Turd Ash Glaze cone 10/?

Nephy Sy.....	30
Wood Ash.....	20
Dolomite.....	10
Redart.....	10
Grolleg.....	10
Flint.....	10

Stovewood Ash Glaze

(Cone 7-10, oxidation or reduction)

Mixed Hardwood Ash	45%
Barium Carbonate	10
Albany Slip	45

ASH GLAZE cone 9-11

Ash/Algae.....	33
Custer Feldspar.....	33
Kaolin.....	33

ASH GLAZE cone 9-11

Ash/Algae.....	33
Custer Feldspar.....	33
Ball Clay.....	33

ASH GLAZE cone 9-11

Ash/Algae.....	50
Custer Feldspar.....	50

SLIP FOR BISQUE cone 9-11

E.P.K.	33
XX Sagger.....	33
Nepheline Syenite.....	33

Yellow Ash cone 9/11

Albany Slip.....	500
Whiting.....	340
EPK.....	160
Wood Ash.....	75
Rutile.....	2

WHITE/GREY ASH cone 9-11 (by vol.)

Custer Feldspar.....	1 part
E.P.K.	1 part
Wood Ash.....	1 part

JOE ZELLER'S ASH

WOODASH	1750
NEPH. SYENITE	1500
WHITING	750
BALL CLAY	1000
	5000

Ash Glaze

(Cone 10, reduction)

Dolomite.....	4.0
Whiting	17.0
Wood Ash (washed)	25.0
Soda Feldspar	27.5
6-Tile Clay	16.5
Flint	10.0

WOODASH - 50
 E.P.K. - 10
 WOLLASTONITE - 15
 LITHIUM CARB. - 5
 NEPH. SYENITE - 20

Glossy wood ash.

WILLOW ASH GLAZE:

Raw ash	5 parts
Soda feldspar	5 parts
SMD ball clay	4 parts
Quartz	4 parts
Bentonite	2%

Ringel's Rust-Red Matt Glaze

(Cone 9-10, reduction)

Mixed Wood Ash (unwashed)	40%
Whiting	10
Kona F-4 Feldspar	30
Kaolin	20

Add: Bentonite	2%
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Apply thinly.

Green Ash Glaze

(Cone 9, reduction)

Ash	44.45%
Bone Ash	22.22
Kaolin	33.33
	100.00%

Add: Copper Carbonate ..	5.56%
Granular Rutile	5.56%

Dry Ash

Ash 30

Ball 40

Whit 10

green

Cop. Carb
3-5%

Ash Glaze (Cone 10, reduction)	
Dolomite	4.0%
Whiting	17.0
Wood Ash (washed)	25.0
Soda Feldspar	27.5
6-Tile Clay	16.5
Flint	10.0
	100.0%

Frasca-Aerni Leather Variation
(Cone 10, reduction)

Wood Ash Glaze	41.2%
Red Iron Oxide	39.2
Rutile	19.6
	100.0%

Green Ash Glaze (Cone 10, reduction)	
Barium Carbonate	20.59%
Whiting	8.83
Wood Ash (Apple)	9.80
Soda Feldspar	50.98
Ball Clay	9.80
	100.00%
Add: Zinc Oxide	5.39%
Copper Carbonate	3.82%
Rutile	3.82%

YELLOW WOOD ASH
(Cone 9, Reduction)

Wood Ash (Unwashed)	40%
Custer Feldspar	20
EPK (Edgar Plastic Kaolin)	40
	100%
Add:	
Red Iron Oxide	3%
Bentonite	1%

Soft Satin Mat D9-1

Mixed Hard Sat	20
Dao	15
Salics	20
Oxford Spar	35
EPK	10

YELLOW WOOD ASH SLIP (Cone 04-7, oxidation or reduction)	
Dolomite	10.0%
Unwashed Wood Ash	25.0
Cornwall Stone	25.0
Frit 3819 (Ferro)	15.0
Kentucky Ball Clay (OM 4)	25.0
	100.0%
Add: Rutile	1.5%
Vanadium Pentoxide	4.0%
Surface appearance depends on firing temperature.	

Ash Glaze (Cone 10, reduction)	
Wood Ash	25
Calcined Red Clay	25
Red Clay	50

ASH GLAZE	35	ASA
	35	Dolo
	15	Ball
	15	Talc

ASH GLAZE cone 9-11

Ash	33
Custer Feldspar	33
Ball Clay	33
Zircopax	10%

ASH GLAZE cone 9-11

Ash	33
Custer Feldspar	33
Kaolin (E.P.K.)	33

GREEN ASH GLAZE cone 9-11

Custer Feldspar	33
Albany Slip	33
Ash	33

Ash Glaze (Cone 10)	
Maple Ash	35
Potash Feldspar	35
Kaolin	15
Talc	15

YELLOW WOOD ASH
(Cone 6, Oxidation)

Magnesium Carbonate	3%
Talc	3
Wood Ash (Unwashed)	40
Custer Feldspar	20
EPK (Edgar Plastic Kaolin)	40
	100%
Add:	
Red Iron Oxide	1%
Bentonite	1%

YELLOW WOOD ASH
(Cone 04, Oxidation)

Wood Ash (Washed)	45%
Ferro Frit 3134	20
Custer Feldspar	18
EPK (Edgar Plastic Kaolin)	17
	100%
Add:	
Zircopax	10
Red Iron Oxide	3
Bentonite	1

WOOD ASH

Gold Art Clay	10
Hardwood Ash	40
Cornwall Stone	40
Custer Feldspar	110
Bentonite	4
	204

STRAW ASH

Hardwood Ash	40
Straw Ash	20
Flint	30
Custer Feldspar	30
Bentonite	120

Bentonite 3%

Synthetic Wood Ash Glaze

potash feldspar	G-20054.3	potash feldspar	48.2
talc	2882	talc	4.4
limestone	W4NTINC	limestone	15.6
kaolin	#6 TILE	kaolin	0.2
silica	VS 32S	silica	29.0
bone ash		bone ash	1.0
iron		iron	0.6
manganese		manganese	1.0

Synthetic Rice Straw Ash Glaze

potash feldspar	48.2
talc	4.4
limestone	15.6
kaolin	0.2
silica	29.0
bone ash	1.0
iron	0.6
manganese	1.0

Synthetic Wood Ash

potash feldspar	12.0
limestone	63.0
magnesite	5.0
bone ash	7.0
kaolin	10.0
silica	3.0

Synthetic Rice Straw Ash

potash feldspar	22.2
limestone	5.8
silica	72.0

contemporary equivalent for isu ash glaze is:

Synthetic Ash Glaze
(Cone 10-11)

Bone Ash	4.28 %
Magnesium Carbonate	7.19
Soda Ash	4.09
Whiting	37.44
Custer Feldspar	25.52
EPK (Edgar Plastic Kaolin)	10.89
Silica (Flint)	10.59
	100.00 %

Apply by spraying, thin to moderately thick, depending on the amount of running desired. Color variations are possible with the following additions:

Natural Ash:	
Manganese Dioxide	3.00 %
Red Iron Oxide	1.32 %
Titanium Ash:	
Titanium Oxide	5.00 %
Dark Blue Ash:	
Cobalt Carbonate	1.00 %
Copper Carbonate	3.00 %
Green Ash:	
Copper Carbonate	5.00 %

Fake Ash Glaze Revised*

(in parts by weight)

Custer Feldspar	17
Kona F-4 Feldspar	10
Ball Clay	12
Silica	18
Dolomite	9
Whiting	26
Barium Carbonate	9
Rutile	4-12
Copper Carbonate	2-6

Ocher Fake Ash Glaze
(Cone 10, reduction)

Barium Carbonate	10%
Whiting	30
Albany Slip Clay	60
	100%
Add: Yellow Ocher	5%

Electric Ash Glaze
(Cone 9)

Dolomite	7%
Whiting	31
Nepheline Syenite	4
Kentucky Ball Clay (OM 4)	40
Flint	18
	100%

potash feldspar	34 %
silica	37 %
limestone	15 %
kaolin	13 %
manganese	1 %

Bar.	Ingredients	FAKE	4.4	% Am
	Barnard slip		55	
	Whiting		45	
			Total:	100

Synthetic Wood Ash

Calcium Carbonate	50%
Nepheline Syenite	50%

works good for dark green celadon above

Whiting	32.26 %
Albany Slip Clay	51.61
SGP 1 Ball Clay	16.13
	100.00%
For blue, add 2% cobalt carbonate and 2% red iron oxide.	

Albany Slip	51.61%
Whiting	32.26
Ball Clay	16.13
	100.00%

11

DOHES 9-10

20
UNDISTURBED

ASH	20-70%
SPAR	20-70%
WHITING	5-20%
GLASS	15-25%
CLAY	5-20%

1) SCREEN ASH ALD

ASH 55

OM-4 15

BAR. CORB 10

SPAR 20

2) ASH I ALD

SILICATE 70

ASH 30

3) CEDAR ASH ALD

SILICATE 100

CEDAR 20

FE 20

Mac's Carbon Trap #2

(6/2)

NS 50 51.9

SPAR 14.6 15

OM-4 16.6 18 17.2

SPAR 12.5 16 17.9

EPK 3.5 96.2 2.6

TOTAL ASH 3.5

5
Brown
TINT

Yellow

ASH 50

ALB 150

SPN ASH

NS 50

WHITING 50

5 OSTRICH ASH

ALB 60

ASH 40

6 HORSE EGG ASH

SPAR

NS 60

WHITING 30

BAR. CORB 10

OCHRE 49

7) MBT FORK ASH

ALB 59 60

WHIT 29 30

BAR. CORB. 12

OCHRE

TINTILE 4

17

18

SPAR	75
NS	8
OM-4	5
ASH	12

19

Δ 10 Reduction Glazes

Ash Glaze Formula Δ10 Reduction

*Don't Screen
Application Medium*

1. 75g Ash 25g EPK	11. 50g Ash 50g EPK
2. 75g Ash 25g EPK 1% Cobalt	12. 50g Ash 50g EPK 1% Cobalt
3. 75g Ash 25g EPK 3% Iron	13. 50g Ash 50g EPK 3% Iron
4. 75g Ash 25g EPK 10% Iron	14. 50g Ash 50g EPK 10% Iron
5. 75g Ash 25g EPK 8% Rutile	15. 50g Ash 50g EPK 8% Rutile
6. 60g Ash 40g EPK	16. 34g Ash 33g EPK 33g Custer Feldspar
7. 60g Ash 40g EPK 1% Cobalt	17. +1% Cobalt
8. 60g Ash 40g EPK 3% Iron	18. +3% Iron
9. 60g Ash 40g EPK 10% Iron	19. +5% Copper
10. 60g Ash 40g EPK 8% Rutile	20. +8% Rutile