

# JR. HANDBUILDING • FALL 86

## GLAZE SHEET

### ① Δ04 SEMI-GLOSS CLEAR

100 FRIT 3124  
4 BARIUM CARB.  
15 EPK

3 BENTONITE

FOR OPAQUE WHITE:  
ADD 24 ZIRCOPAX

### ② Δ04 SHINY CLEAR

20 NEPHELINE SYENITE  
30 GERSTLEY BORATE  
30 FRIT 3195

10 EPK

10 FLINT

2 BENTONITE

### ③ Δ04 CLEAR

45 KONA F-4 SODA SPAR  
30 GERSTLEY BORATE  
10 FLINT

6 BARIUM CARB.

5 ZINC

4 CHINA CLAY

### ④ Δ04 CLOUDY SATIN MATT

37.5 NEPHELINE SYENITE  
55.9 FRIT 3134  
7.2 WHITING  
2.0 BENTONITE  
2.0 CMC POWDER

### ⑤ Δ04 SHINY CLEAR

72 FRIT 3110  
6 GERSTLEY BORATE  
10 FLINT  
7 KAOLIN  
3 ZINC  
4 WHITING

### ⑥ Δ04 SEMI-OPAQUE

13.5 BARIUM CARB.  
18.5 GERSTLEY BORATE  
40.0 CUSTER SPAR  
12.5 WHITING  
4.0 ZINC  
10.5 FLINT  
3.0 BENTONITE

### ⑦ Δ04 TRANSLUCENT SATIN MATT

18.2 LITHIUM  
25.0 LEAD BISCILICATE (CERAFUX)  
7.5 BONE ASH  
6.3 KONA F-4  
10.7 EPK  
24.0 FLINT  
6.6 ULTROX  
2.0 BENTONITE

### ⑧ VC SATIN REVISED/04

72 FRIT 3124  
12 NEPHELINE SYENITE  
8 FLINT  
4 EPK  
4 WHITING

### ⑨ G51 Δ04

61.5 WHITE LEAD  
17.4 KONA F-4  
9.2 BARIUM CARB  
3.7 CORNWALL STONE  
3.6 EPK  
1.0 BENTONITE

APPLY THICK

JR. HANDBUILDING SPRING 88

ADDITIONAL ENGOBES Δ 06-02

WHITE BASE	WET / LEATHER HARD APPLICATION			LEATHER HARD - DRY APPLICATION		
GROLLEG CHINA CLAY	15					
E.P.K.	20	15	5		12.5	
TENN. BALL CLAY	30	30	45	50	45	25.0
NEPHELINE SYENITE	5	15		20		
FRIT 3124	20	5	5		10	20.0
FLINT	6			10		20.0
TALC		30	45	20	30	5.0
CALCINED KAOLIN					15	12.5
BENTONITE	4					
	100					
ZIRLOPAX		5				5.0
		100	100	100		

Δ04 PIGMENT BASE FOR BISQUE APPLICATION

40 EPK  
 30 FRIT 3134  
 10 TALC  
10 FLINT  
 10% STAIN

# A-CARRIER HAYSTACK 1988

## JACKIES BASE

G. Borate	76	Flasho pink: 3% rutile
Lithium	20	10% tin
Neph Sy	10	Dino Green 4% iron chromate
E.P.K	10	Green 6% ca.
FLINT	84	Seablue/green .25 co 2% Cu

## Robins Brown

Frit 5301	90
Bone Ash	30
Lithium	15
Zircopax	15
Red Iron	15
Macaloid	3

## Forbes Semi-Matt

Kona F-4	43	• Cu - 3
Whiting	12	• Cu2
Barium	12	CO-1
FLint	13	
G. Borate	16	
Zinc	3	
emc	1	

## Jackies Water Blue

3110	152.6
G. Borate	14.2
FLint	20
Cu.	8
Macaloid	4

## A. Base

Frit 5301	30	Tan mat
Boric acid	30	red iron oxide 2
Bone Ash	10	rutile 8
Lithium	9	Blue
Mag. Carb	3.5	2.5 Co.
Zircopax	10	
Frit 3110	10	
emc	2	

## 04 white slip

om # 4	31.3
EDK	23
Neph Sy	17.2
Talc	17.2
Wollastonite	2.3
Frit 3124	6.2
Water	40%
Sodium silicate	.4

Yellow: 17% rutile

Blue: 1% Co  
.2% Mang

## clear yellow

Frit 3110	36	R10 4%
G. Borate	30	
FLINT	50	
EDK	35	
Zinc	15	
Whiting	20	

## Black white slip

same as above plus 10% black stain

Iron chromate	225
Cobalt carb	105
Chrome	25
Blk. Iron oxide	75
Blk Copper ox	25

## Puppy Green

FLint	52
Lithium	26.5
3110	11.5
EDK	11.5
Whiting	3.3
Bone ash	1.0
Bent	1.0
Iron chromate	3.7

GLAZES — LOW-FIRE

<p>1.) <u>Δ04 SHINY CLEAR</u>                  20 NEPHELINE SYENITE                  30 GERSTLEY BORATE                  30 FRIT 3195                  10 EPK                  10 FLINT                  2 BENTONITE</p>	<p>2.) <u>Δ04 CLEAR</u>                  45 KONA F-4 (SODA)                  30 GERSTLEY BORATE                  10 FLINT                  6 BARIUM CARB.                  5 ZINC                  4 CHINA CLAY</p>	<p>3.) <u>Δ04 SHINY CLEAR</u>                  72 FRIT 3110                  6 GERSTLEY BORATE                  10 FLINT                  7 KAOLIN                  3 ZINC                  4 WHITING</p>	<p>4.) <u>Δ04 GLOSSY CLEAR</u>                  26 GERSTLEY BORATE                  20 NEPHELINE SYENITE                  30 FRIT 3124                  4 LITHIUM CARB.                  10 EPK                  10 FLINT</p>
<p>5.) <u>Δ04 GLOSSY CLEAR</u>                  75 FRIT 3195                  6 EPK                  5 GERSTLEY BORATE                  8 NEPHELINE SYENITE                  4 LITHIUM CARB                  2 ZINC                  2 BENTONITE</p>	<p>6.) <u>Δ04 DEB'S CLEAR</u>                  30 FRIT 3134                  45 FRIT 3195                  25 EPK  <hr/>                 USE THINLY OR GLAZE                  WILL GET CLOUDY</p>	<p>7.) <u>Δ04 PAW-TIN'S CLEAR</u>                  55 GERSTLEY BORATE                  15 FLINT                  30 EPK</p>	<p>8.) <u>Δ04 IAN'S CLEAR</u>                  30 FRIT 3124                  10 EPK                  10 NEPHELINE SYENITE                  4 LITHIUM CARB.                  3 BENTONITE</p>
<p>9.) <u>Δ04 BATEZ BASIC</u>                  100 FRIT 3124                  4 BARIUM CARB.                  15 EPK                  3 BENTONITE  <hr/>                 + 24 ZIRCO PAX                  OPAQUE, MAJOLICA WHITE</p>	<p>10.) <u>Δ04 BILL'S BASIC</u>                  65.77 FRIT 3124                  17.14 KONA F-4                  10.82 TILE 6                  6.29 NEPHELINE SYENITE  <hr/>                 + 14.00 ZIRCO PAX                  .5 RUTILE                  WARM WHITE MAJOLICA BASE</p>	<p>11.) <u>Δ04 M.J.'S BASIC</u>                  40 FRIT 3124                  30 FRIT 3134                  14 KONA F-4                  2 EPK                  2 BENTONITE  <hr/>                 + 8 TIN OXIDE                  1 RUTILE                  WARM WHITE MAJOLICA</p>	<p>12.) <u>Δ04 SATIN-SEMI OPAQ</u>                  14 BARIUM CARB                  20 GERSTLEY BORATE                  40 CUSTER SPAR                  12 WHITING                  4 ZINC                  10 FLINT                  3 BENTONITE</p>
<p>13.) <u>Δ04 CLOUDY SATIN</u>                  37.5 NEPHELINE SYENITE                  55.9 FRIT 3134                  7.2 WHITING                  2.0 BENTONITE                  2.0 CMC POWDER</p>	<p>14.) <u>Δ04 TRANSLUCENT SATIN</u>                  18.2 LITHIUM CARB                  25.0 LEAD BISILICATE                  7.5 BONE ASH                  6.3 KONA F-4                  10.7 EPK                  24.0 FLINT                  6.6 ULTROX                  2.0 BENTONITE</p>	<p>15.) <u>Δ04 SMOOTH SATIN</u>                  80 FRIT 3292                  10 WHITING                  5 FLINT                  5 EPK  <hr/>                 + 10 ZIRCO PAX or 5 TIN                  FOR SATIN OPAQUE WHITE</p>	<p>16.) <u>Δ04 WOODMAN'S CERFLUX</u>                  SHINY SATIN MATT (LEAD BISILICATE)                  61.0 67.0 67.0 CERAFUX                  9.3 9.3 9.3 CUSTER SPAR                  5.0 5.0 5.0 ZINC OX                  5.0 3.5 4.0 FLINT                  2.0 2.0 2.0 BENTONITE</p>
<p>17.) <u>Δ04/02 G-76</u>                  38 GERSTLEY BORATE                  37 CUSTER SPAR                  14 BARIUM CARB.                  11 FLINT                  1 BENTONITE</p>	<p>18.) <u>Δ04 SATIN</u>                  39 FRIT 3124                  39 FRIT 3195                  10 TALL                  8 EPK                  4 FLINT  <hr/>                 + 10 ZIRCO PAX                  WHITE OPAQUE MAJOLICA</p>	<p>19.) <u>Δ04 SOFT SATIN</u>                  48 FRIT 3124                  20 FRIT 3110                  12 ZINC OX                  10 EPK                  10 WHITING</p>	<p>20.) <u>Δ04 SATIN STONE MATT</u>                  45 FRIT 3124                  10 GERSTLEY BORATE                  15 NEPHELINE SYENITE                  5 TALL                  5 WHITING                  15 FLINT                  5 EPK</p>
<p>21.) <u>Δ04 VADA'S BLUE-GREEN</u>                  19 NEPHELINE SYENITE                  40 BARIUM CARB.                  5 LITHIUM CARB.                  10 FLINT                  19 EPK                  7 COPPER CARB.</p>	<p>22.) <u>Δ04-03 STRATON GRUEBY</u>                  40 WHITE LEAD                  24 WHITING                  20 CUSTER SPAR                  10 KAOLIN                  10 BALL CLAY                  8 FLINT</p>	<p>23.) <u>Δ04 G S I R.</u>                  60 WHITE LEAD                  20 KONA F-4                  10 BARIUM CARB.                  5 CORNWALL STONE                  1 BENTONITE  <hr/>                 APPLY THICK</p>	<p>24.) <u>Δ04 OTTO'S TEXTURE</u>                  73.75 WHITE LEAD                  23.75 CUSTER SPAR                  11.25 BARIUM CARB                  5.00 EPK                  5.00 CORNWALL STONE  <hr/>                 APPLY THICK</p>
<p>25.) <u>Δ04 AVENTURINE</u>                  100 FRIT 5301                  3 BENTONITE                  20 RED IRON OX</p>	<p>26.) <u>Δ06-05 FURRY GLAZE</u>                  50 FIBER WOLLASTONITE                  50 GERSTLEY BORATE</p>	<p>27.) <u>Δ08-06 WILLENDORF</u>                  51.7 FRIT 3304                  26.1 EPK                  22.2 LITHIUM CARB.  <hr/>                 ORANGE + 2.0 CHROME                  YELLOW + .5 CHROME</p>	<p>28.) <u>Δ06 M.J.'S W. EPOX</u>                  50 FRIT P6 83                  5 BALL CLAY                  7 ZIRCO PAX                  20 FIBER WOLLASTONITE</p>