

Terra Sigillata

70% Water

30% Dry Clay (Grolleg, Red Art, Barnard, Ochmulgee, etc.)

5% Calgon (About 1 Teaspoon)

Dissolve Calgon in water. Add dry material. Ball mill*for at least 2 hours. Pour into glass jars and allow to sit undisturbed till heavy particles settle. Siphon fine particles from sludge. Add Colorants to fine particles. 5-10% Commercial Stains and Oxides except Cobalt use .5% to 1%).

Apply Terra Sig to Green or Bisque-Thinly with either airbrush or paint brush (or any other things ie. sponge tooth brush etc.) Burnish (optional) with chamois cloth while still damp. If you burnish each layer of your application a higher sheen can be achieved. Grolleg Terra Sig can be fired at all temperatures and seems have fewer of the chipping off problems that some of the others. Other clays are best fired to cone 08-06, otherwise they loose their burnished quality.

Typical Recipe:

14 Cups of Water

3 lbs. of Grolleg

1 Level Teaspoon of Calgon (or 7.5 Grams)

*You can make all terra sigs without BallMilling. The Ball Milling speeds the separation period and seems to make more of the refined part especially in the case of Grollege.

Federighi's Terra Sigs

Dark Brown

water 400g
albany 50g
ball 50g
calgon 10g

Maroon-Red

water 800
ball 180
red iron 15
MNO 5
calgon 10

Light Red

water 800
ball 200
red iron 15
calgon 10

Light Orange

water 400
redart 50
ball 50
calgon 5

Yellow

ball 180
vanadium 20
calgon 2
water 800

Navy

ball 170
mang 10
cobalt 20
CU 10
calgon 5
water 800

Black

redart 170
MNO 10
CO CO₃ 20
CU 10
calgon 5
water 800

Terra Sigillata

7,000 g Water
3,000 g Clay
50 g Darvan or Calgon

White: XX Sagger clay

Buff: Goldart clay

Orange: Calvert clay

- Betty Woodman

Dean Smith Terra Sigillata

1350 g Clay
3 qts. Water
15 g Calgon

White: Grolleg clay

Light orange/tan: Jordan clay

Antic red: Newman

Yellow: 15 g yellow stain to 1/4 cup Grolleg clay

Pink: 1/4 Grolleg, 1/4 Newman

Dark green: 6 g chrome to 1/4 cup Jordan clay

Light blue: 8 g cobalt carbonate to 1/4 cup Grolleg clay, 1/4 cup Jordan clay

- Betty Woodman

Red Sigellata

70% water
30% redart
4% soda ash
.5% deflocculant

White Sigellata

70% water
10% ball clay
10% talc
10% kaolin
5% opax
5% borax
5% soda ash
.5% deflocculant

Green Sigellata

70% water
10% ball clay
10% talc
10% kaolin
5% soda ash
10% copper carb
.5% deflocculant

PAUL ROZMAN'S TERRA SIGILLATA

Water 80.0
redart clay 20.0
Darvan .4

Ball mill for 6 hours; siphon off the top 2/3. Let settle for 12 hours, and this time decant off the clear water, leaving the terra sigillata

CHRISTINE FEDERIGHI

TERRA SIG. Δ010 - Δ08 FOR POLISH TO BE KEPT.

WHITE ALSO BASE

BALL.	200	GRAMS.
WATER	800	GRAMS.
CALGON	10	GRAMS.

GREEN

BALL	200
WATER	800
CHROME	10
CALGON	10

YELLOW

BALL	180
VANADIUM	20
CALGON	10
WATER	100 800.

ORANGE

RED ART	100	GR.
F-4 SPAR	5	GR
WATER	400	GR OR ML.
CALGON	5-10	GR.

RED

BALL	50
RED IRON	50
WATER	400
CALGON	5

BLUE

BALL	200	
WATER	800	
COBALT CARB	40	MORE OR LESS
CALGON	10	



WILL CONTINUE TO SETTLE ESP. THE OXIDE FORMULA - MIX UP FOR COLOR - FOR POLISH FIRE TO Δ010 Δ08 - OR JUST USE IT!

BALL MIX T.S OR MIX VERY WELL - LET SETTLE OUT FOR 1 DAY OR MORE - SIPHON OFF CLEAR TOP LAYER OF H₂O AND USE MIDDLE LAYER FOR POLISHED WARE

COLORING OXIDES IN SLIPS AND TERRA SIGILLATAS

Light Tan: 2% Iron
Brown: 4% Iron
Dark Brown: 6% Iron

Light Grey: 1% Iron Chromate
Medium Grey: 2% Iron Chromate

Medium Blue: 1% Cobalt Oxide

Grey Blue: 1% Cobalt Oxide
2% Iron Oxide

Black: 3% Iron Oxide
2% Cobalt Oxide
2% Manganese

Medium Green: 3% Copper Oxide

Yellow: 10% Vanadium Stain

Purple Brown: 6% Manganese Dioxide

Speckled Brown: 3% Granular Manganese

Creamy Tan: 6% Rutile

COLORS BECOME SHARPER UNDER TRANSPARENT GLAZE

**Christine Federighi's
Terra Sigillatas c04-02**

Dark Brown

Water 400
Albany 50
OM4 50
Calgon 10

Maroon-Red

Water 800
OM4 180
Red Iron 15
MNO 5

Green

Water 800
OM4 200
Chrome 10
Calgon 10

Blue-Black

Water 400
OM4 50
MNO 50
Calgon 5

Lt. Red

Water 800
OM4 200
Red Iron 10-20
Calgon 10

Orange

Water 400
Redart 100
Calgon 10

Red

Water 400
OM4 50
Red Iron 50
Calgon 10

Yellow

Water 800
OM4 180
Vanadium 20
Calgon 10

White

Water 2000
OM4 400
EPK 150
Talc 300
Zircopax 100
Calgon 50

Navy

Water 800
OM4 200
Mang. 10
Cobalt Carb. 20
Copper Carb. 10
Calgon 10

Black

Water 800
Redart 200
Mang. 10
Cobalt Carb. 20
Black Copper 10
Calgon 10

Grey

Water 800
OM4 200
Iron Chromate 100

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2001360 15

PRICE \$0.15