**RECIPES**

Naomi Clement, Stephanie Galli, and Travis Winters share their clay, casting slip, and glaze recipes.

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**Naomi Clement**

**VINC PATELKA ALL TEMPERATURE SLIP (1)**

Cone 04–10 Oxidation/Reduction

- Custer Feldspar .......... 27 %
- EPK Kaolin .......... 34
- OM 4 Ball Clay .......... 20
- Silica .......... 19
- Zircon... 8 %

Add: Zircopax .......... 8 %

I decorate at the leather-hard stage using Amaco Velvet Underglazes and newspaper resist (most of this is laser cut). Once the underglaze color is down, I then apply a layer of white slip over it. I mix the slip without the Zircopax so that it is a bit transparent and the colors come through.

**BRIGHT CLEAR (1)**

Cone 6 Oxidation/Reduction

- Gerstley Borate .......... 35 %
- Kona F-4 Feldspar (Minspar 200) .... 40
- OM 4 Ball Clay .......... 15
- Silica .......... 10

This is a glaze I got from my time at NSCAD in Nova Scotia. It’s a great cone 6 base, and applies really nicely (you can both brush and dip it with equal success). It also takes colors well.

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**Stephanie Galli**

**MATHER CASTING SLIP**

Cone 9–10 Oxidation/Reduction

- G-200 or Custer Feldspar .......... 25 %
- #6 Tile Clay .......... 25
- EPK Kaolin .......... 20
- OM 4 Ball Clay .......... 15
- Silica .......... 15
- 100 %

For a 100 pound batch use 21 quarts of hot water and 1½ cups of Darvan #811. Add hot water and Darvan, mix well. Add the materials in order of the most plastic (clays first) to least plastic. Mix well as each ingredient is added. Do not attempt to adjust the water and Darvan until the slip has been mixed for at least 30 minutes. It is better to mix longer and if possible, allow the slip to sit overnight and mix again the next day before adjusting and using.

**GALL’S PORCELAIN (2)**

Cone 9–10 Oxidation/Reduction

- Minspar 200 Feldspar .......... 28 %
- Grolleg Kaolin .......... 53
- Silica .......... 19
- 100 %

Add: Macaloid .......... 3 %

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**Travis Winters**

**TERRA SIGILLATA (3)**

Cone 04

- XX Saggarg (or Ball Clay) .......... 39.84 %
- Darvan .......... 0.40
- Water .......... 59.76
- 100.00 %

When mixing a batch of this terra sigillata recipe, I use 5000 g of the XX Saggarg or Ball Clay, 50 g of Darvan and 7500 g of water. First, weigh out the water and Darvan and mix together. Then, add the dry material and blunge. Let this settle for 8+ hours then siphon off the top ⅔ for the terra sigillata.

To add color to the terra sigillata: Use 1 tsp. of stain to ½ cup of terra sigillata.

**LIZ SUMMERFIELD’S XX SAGGAR TERRA SIG (3)**

Cone 04

- XX Saggarg .......... 34.46 %
- Water .......... 65.00
- Sodium Silicate .......... 0.54
- 100.00 %

When mixing a batch, I use 1500 g of XX Saggarg clay, 3000 g of water, and 25 g of sodium silicate. Weigh out the water and sodium silicate first, mix them together, then add the XX Saggarg to this mixture and blunge. Let this settle for 8+ hours and take top ⅔ for the terra sigillata.

**STAIN RECIPE (3)**

Cone 04

- Mason stains .......... 1 part
- Gerstley Borate .......... 2 parts

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1 Serving boat, 14½ in. (37 cm) in length, stoneware, underglaze, Vince Patelka All Temperature Slip, fired to cone 6 in an electric kiln, 2016. 2 A Series of Interactions Between Color, Form, and Surface, 6 ft. (1.8 m) in length, Galli’s Porcelain, Takeshi’s Qingbai glaze, fired to cone 9 in reduction, luster, 2016. 3 Travis Winters’ How the West Was Won, 25 in. (64 cm) in height, earthenware, terra sigillata, stains, oxides, glaze, fired to cone 04, luster, paint, 2017.