

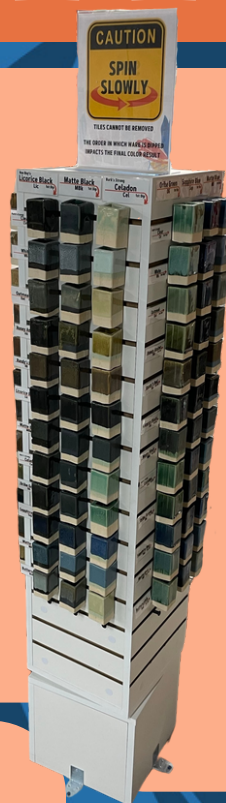
CERAMIC STUDIO NEWSLETTER

Artisan
and business center
— NWTc —
QTR 1 2024

NEW GLAZE TILE DISPLAYS

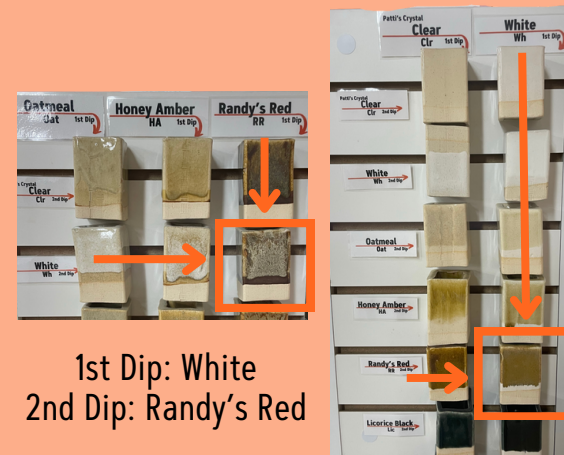
Studio Glazes

The display shows each studio glaze by itself on each of our three clay bodies



Studio Glaze Combinations

The order in which ware is dipped impacts the final color result



1st Dip: White
2nd Dip: Randy's Red

1st Dip: Randy's Red
2nd Dip: White

CLEAR CRAZING

Crazing is one of the most common problems related to glaze defects. It appears in the glazed surface of fired ware as a web of fine hairline cracks. Crazed pots are not suitable for food as they may leak if the clay body is exposed, and potentially harbor bacteria in the cracks.

WHAT ARE THE CAUSES OF CRAZING?

Crazing occurs when the glaze shrinks more than the body of the ware. This happens generally as the wares cool after firing. The cooling of the kiln and the contraction of the wares causes cracks form. Heating and then cooling too rapidly can cause the glaze to shrink too quickly and cracks appear more readily.

WHAT ARE WE DOING TO CORRECT THIS ISSUE?

Changing our glaze recipes to reduce the expansion of the glaze. This means using materials with low levels of expansion and decreasing materials with high levels of expansion.

Patti's Crystal Clear has an expansion of 7.0
Ultra Clear has an expansion of 6.4

As we are creating and testing for a clear glaze that doesn't craze, please keep in mind this will be quite a process and we will share updates regularly. In the meantime, we will continue to stock the clear glaze that crazes less and work to ensure all of our glazes are compatible with our clay bodies!

TESTING NEW GLAZE Ultra Clear



STUDIO SAFETY

For your safety, we recommend:

- Minimizing your dust exposure by using sponges/squeegees/wet mopping to keep your workspace clean.
- Washing your hands regularly to remove clay and glaze residue.

SILICA is present in all clay bodies and most glazes. **INHALING CRYSTALLINE SILICA** particles can lead to **SILICOSIS**, a lung disease that causes irreversible loss of breathing capacity.



We are a **NO BROOM** Studio Space

KILN LOGS

View past kiln logs and current kiln status at
NWTc.edu/OpenStudio

KILNS

EASY-LOAD

EASY-FIRE

EASY-FIRE



PAST NEWSLETTERS

Newsletters are emailed regularly to students currently in ceramic classes and open studio members. Past newsletters can be viewed at
NWTc.edu/ArtisanCenter



PUGMILL DEMONSTRATION

FREE Pugmill Demonstration
February 1st 5pm - 6pm

Reclaim Clay is officially for sale at the front office!
It is \$14.00 for a 25lb bag and only available for members



CERAMIC STUDIO
COORDINATOR

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