

CC546 • Cherry Creek

Great reliability for both wheelthrowing and handbuilding. Leadfree glazes fit and keep the rich terra cotta color. For sculpture, small projects will be most successful.

Absorption..... 7.90% Shrinkage..... 8.90%
 (@ dry = 5.65%, @ bisque = 8.90%)

CC546G • Cherry Creek with Grog

With 5% 35-mesh grog for extra strength when working larger.

Absorption..... 6.89% Shrinkage..... 7.74%
 (@ dry = 4.62%, @ bisque = 7.74%)

CC546SC • Cherry Creek Sculptural

The Sculptural Cherry Creek adds a 30% blend of aggregate materials, allowing you to dream big.

Absorption..... 6.89% Shrinkage..... 9.14%
 (@ dry = 5.45%, @ bisque = 9.14%)

CC553 • Vortex Red

If you're looking for an overall great red terra cotta that can do it all, look no further! We developed this clay to meet these criteria:

- NO Red Art in the formula.
- A good fit for leadfree glazes
- Brilliant terra cotta color with no browning out!

Absorption 8.95% Shrinkage 11.41%

CC547CT • Wonder White

Our best white earthenware, period. This is the one we recommend, because you can really throw it! Plus great "stick" for add-ons or handbuilding, and a good fit for leadfree glazes. For sculpture, small projects will be most successful.

Absorption..... 10.10% Shrinkage..... 6.43%
 (@ dry = 5.60%, @ bisque = 6.43%)

CC512 • Three Finger Jack

Grog and sand form an internal structure for an incredibly plastic clay without excessive coarseness. Work large: this clay can take it!

Absorption..... 3.30% Shrinkage..... 9.86%
 (@ dry = 5.04%, @ bisque = 5.41%)

CC512A • TFJ Architectural

Architectural version incorporates 30% aggregate, concentrated to a uniform coarseness.

Absorption..... 2.29% Shrinkage..... 9.93%
 (@ dry = 5.37%, @ bisque = 5.77%)

CC512R • TFJ Red

Want some color? How about TFJ plus red iron oxide? We recommend firing only to Δ8; test it if you want to go higher. The sample on page 2 was fired to cone 8.

Absorption..... 3.13% Shrinkage..... 10.66%
 (@ dry = 5.38%, @ bisque = 6.19%)

CC537 • Piepenburg Raku

Kyanite knits the clay together with a network of needle-like crystals for strength against thermal shock.

Absorption..... 12.10% Shrinkage..... 7.64%
 (@ dry = 5.64%, @ bisque = 7.64%)

CC513 • Raku Clay

Velvety black after reduction, or white under clear glaze. This clay has an affinity for small-to-medium wheelwork.

Absorption..... 8.75% Shrinkage..... 7.55%
 (@ dry = 5.32%, @ bisque = 7.55%)

Absorption and Shrinkage

What do those numbers mean?

The shrinkage percentages shown for our clays should be read in proportion to the original dimensions of the thrown or formed piece as wet clay. The percentage for each stage includes the previous stages, so they are cumulative. A piece measuring 10 inches tall made of CC546SC would shrink a *total* of 9.14% in drying, bisque and glaze firing.

Dry:

shrinkage due to evaporation of water from the clay, as it reaches a ready-to-fire bone dry state.

Bisque:

shrinkage due to the burnout of organic materials in the bisque firing.

Total Shrinkage:

the final stage of shrinkage as you fire the clay to its full temperature and glaze maturity.

The absorption percentages shown are only for comparison purposes between our clays. We always recommend extensive testing for your forming technique, glazing style and firing schedule before committing to any installation or use where frost-free or waterproof conditions are important.

Key for Best Use Symbols:

This clay is ...

☺ = recommended

☹ = works OK

☹☹ = not recommended

When used for ...

Dinnerware

Wheelthrowing

Handbuilding

Sculpture

Classroom Use