

## CC511 • Warm Springs White

Warm Springs White is more plastic and versatile than most of its peers, good for throwing or handbuilding. Use in schools only for grades 7-12.

Absorption..... 9.33% Shrinkage..... 6.30%  
 (@ dry = 4.12%, @ bisque = 6.30%)

## 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%)

## CC514 • Play Clay

Easily formed and bright white to show off color. Play Clay is a great for school projects, and a favorite of tilemakers.

Absorption..... 8.43% Shrinkage..... 7.70%  
 (@ dry = 5.45%, @ bisque = 7.70%)

## 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%)

## 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%)

## CC547 • 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%)

## CC547G • Wonder White w/Grog

The friendly Wonder White formula with 5% 35-mesh grog for added strength in large pieces.

Absorption..... 9.30% Shrinkage..... 6.01%  
 (@ dry = 4.94%, @ bisque = 6.01%)

## CC547SC • Wonder White Sculptural

Wonder White Sculptural contains 30% blended aggregate material. Great for sculpture up to cone 04.

Absorption..... 10.22% Shrinkage..... 6.21%  
 (@ dry = 4.98%, @ bisque = 6.21%)

## 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%

### Key for Best Use Symbols:

This clay is...

- ☺ = recommended
- ☹ = works OK
- ☹☹ = not recommended

when used for:

- Dinnerware
- Wheelthrowing
- Handbuilding
- Sculpture
- Classroom Use

### Absorption and Shrinkage:

What do the 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 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.

### Wadding Recipe for Firing:

- 1 part Greenstripe Fireclay (CH379)
- 1 part Coarse Grog (CH563)
- 2 parts Sand (CH354)

Blend dry ingredients, then mix with water to form a clay paste, and use Elmer's Glue to attach to the bottom of your greenware piece immediately before firing.