

**WALKER**  
Ceramics



**Feeneys**  
**Clay**

*Pottery Clays, Glazes and Colours*

## Feeneys White School Clay

### Code AR220

#### Description

White School Clay is a no fuss highly plastic white clay for the education system.

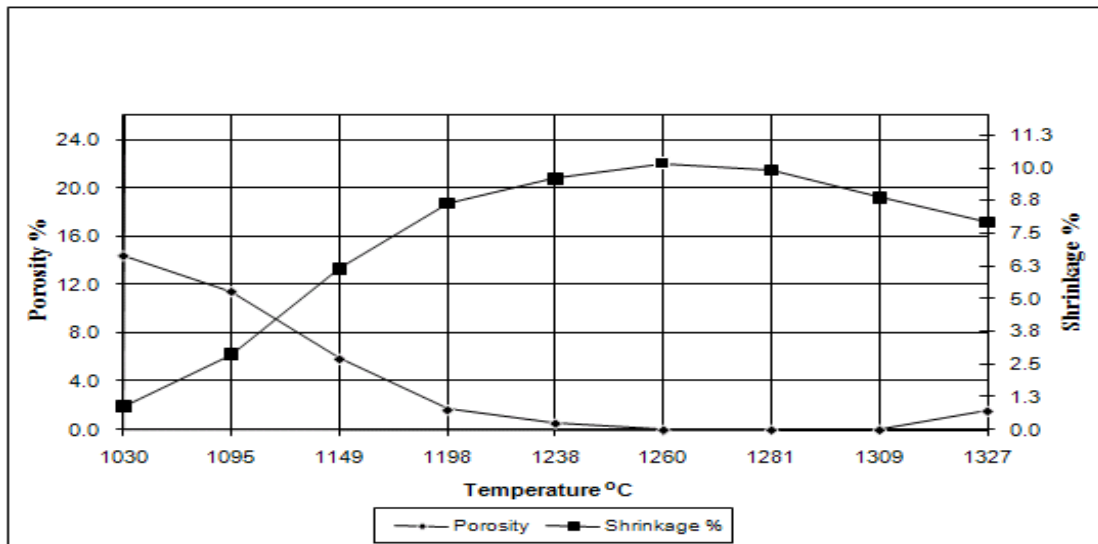
Although this body is designed for educational facilities many professionals have also discovered White School Clay.

**Mesh** : Hammer milled 14 #

#### Recommended Firing

Bisque	Glaze Earthenware	Glaze Middle Fire	Glaze Stoneware
1000° C	1060° C to 1100° C	1250° C	1280° C to 1300° C

Chemical Analysis		Shrinkage (fired)			
SiO <sub>2</sub>	63.2%	From wet to dry		5.0%	± 0.5%
Al <sub>2</sub> O <sub>3</sub>	23.26%	From dry to bisque		0.5%	± 0.2%
TiO <sub>2</sub>	0.85%	From dry to glaze		7.0%	± 0.5% @ 1250° C
Fe <sub>2</sub> O <sub>3</sub>	2.30%	From dry to glaze		8.0%	± 0.5% @ 1300° C
CaO	0.24%	Water absorption			
MgO	0.61%	Biscuit	1000° C	Orton Cone 06	18.0%
Na <sub>2</sub> O	0.62%	Fired	1250° C	Orton Cone 8 / 1	7.0%
K <sub>2</sub> O	2.17%	Fired	1300° C	Orton Cone 10	5.0%
L.O.I.	6.72%				



#### Glazes

Decorative (non-functional) glazes are available in the Walkers Stoneware, Middle Fire and Earthenware glaze ranges.

#### Presentation

Fully de-aired 12.5 kilogram block wrapped in recyclable polythene bags.

Moisture content of standard clay is 22% to 24%, PR 3 to 4.

#### Preparation

Crude clays are hammer milled dry. The dry mix is then extruded through a de-airing brick extruder. Moisture is added to the dry body accurately in the extruder. The result is incredible plasticity and strength. The clay is sealed airtight in polythene bags which can be stored indefinitely.

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