

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

White Modelling

Code AA215

Description

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

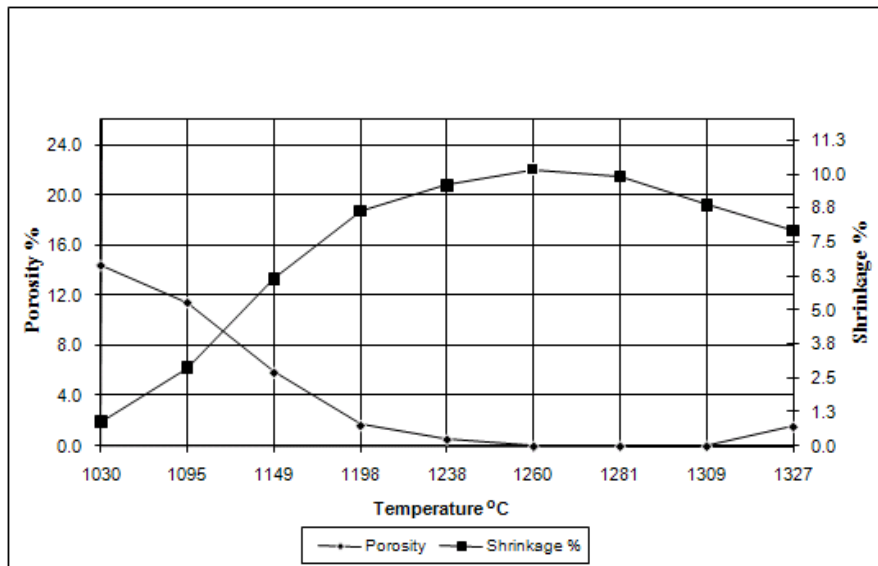
Although this body is designed for educational facilities many professionals have also discovered White Modelling.

Mesh : 30 #

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 ₂	74.28%	From wet to dry		5.0%	± 0.5%
Al ₂ O ₃	20.03%	From dry to bisque		0.5%	± 0.2%
TiO ₂	1.15%	From dry to glaze		7.0%	± 0.5% @ 1250° C
Fe ₂ O ₃	0.92%	From dry to glaze		8.0%	± 0.5% @ 1300° C
CaO	0.28%	Water absorption			
MgO	0.70%	Biscuit	1000° C	Orton Cone 06	18.0%
Na ₂ O	0.78%	Fired	1250° C	Orton Cone 8 / 1	7.0%
K ₂ O	1.87%	Fired	1300° C	Orton Cone 10	5.0%
L.O.I.	5.38%				



Glazes

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

Presentation

Fully de-aired 10 kilogram block wrapped in recyclable polythene bags.

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

Other moisture contents are available on special request using our Penetrometer Readings (PR) outlined below.

Preparation

Crude clays are hammer milled, sieved and magnetted. Extruding takes place through a de-airing pugmill and clay is sealed airtight in polythene bags which can be stored indefinitely.

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