

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

White Hand Building Earthenware Stoneware

Code AA225

Description

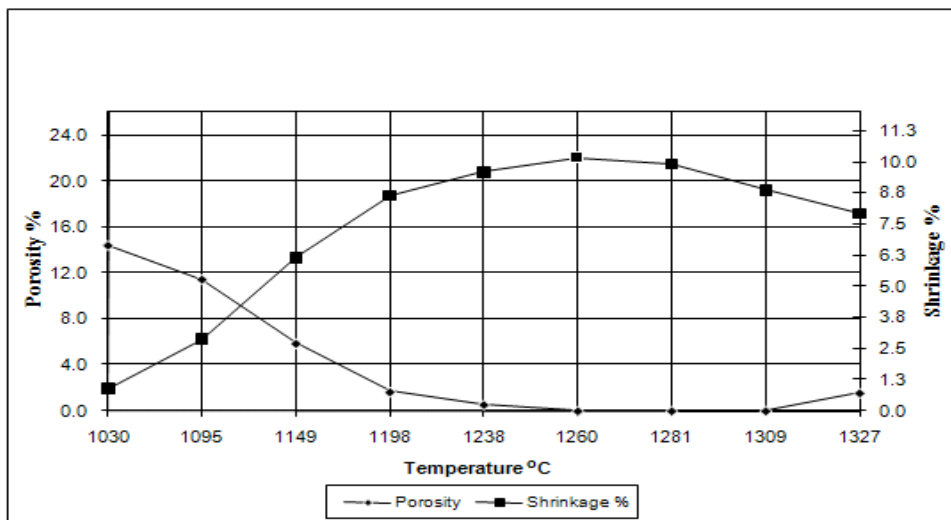
White Hand Building Earthenware/Stoneware is a no fuss highly plastic white hand building clay for the education system. Although this body is designed for educational facilities many professionals have discovered White Hand Building Earthenware/Stoneware.

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 1500° C

Chemical Analysis		Shrinkage (fired)			
SiO ₂	71.58%	From wet to dry	5.54%	± 0.5%	
Al ₂ O ₃	18.11%	From dry to bisque	0.78%	± 0.2%	
TiO ₂	1.05%	From dry to glaze	2.54%	± 0.5% @ 1080° C	
Fe ₂ O ₃	0.80%	From dry to glaze	9.43%	± 0.5% @ 1300° C	
CaO	0.26%	Water absorption			
MgO	0.62%	Biscuit	1000° C	Orton Cone 06	16.21%
Na ₂ O	0.69%	Fired	1100° C	Orton Cone 03	12.73%
K ₂ O	1.71%	Fired	1300° C	Orton Cone 10	0%
L.O.I.	5.13%				



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.