

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

Technical Specifications

Feeneys White Stoneware

AA21

Description

A beautiful fine white firing stoneware ideal for functional throwing & pressing extending also to sculpture and slab work.

Mesh : Filter Pressed 120#

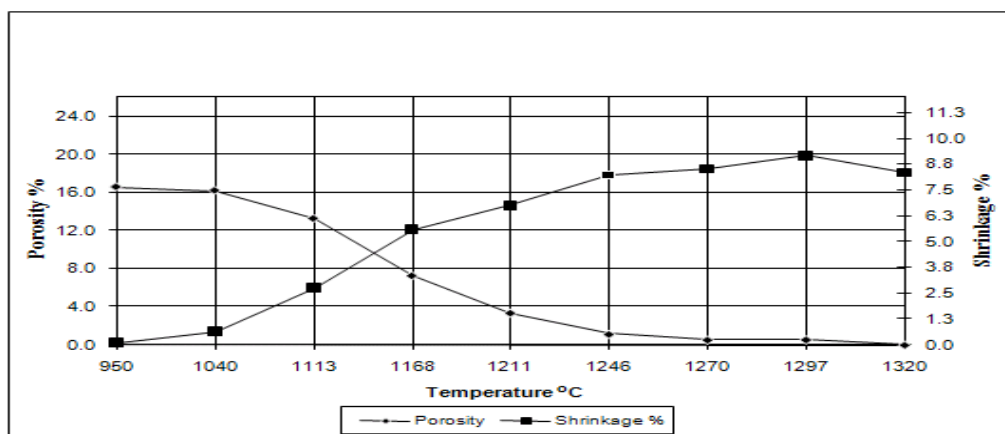
Recommended Firing

Bisque	Glaze
1000° C to 1060° C Orton Cone 06 to 04	1260° C to 1300° C Orton Cone 8 to 10

Coefficient of Expansion

Sample fired at 1280° C, Orton cone 9. Linear expansion is 0.292% at 500° C and coefficient is 64.33×10^{-7} from 200° C to 500° C.

Chemical Analysis		Shrinkage (fired)			
SiO ₂	67.83%	From wet to dry	3.5%	± 0.5%	
Al ₂ O ₃	19.75%	From dry to bisque	0.1%	± 0.2%	
TiO ₂	0.61%	From bisque to glaze	8.0%	± 0.5%	
Fe ₂ O ₃	0.49%				
CaO	1.19%	Water			
MgO	0.35%	Biscuit	1000°C	Orton Cone 06	16.0%
Na ₂ O	0.58%	Fired	1225°C	Orton Cone 6	4.0%
K ₂ O	1.93%	Fired	1260°C	Orton Cone 8	0%
L.O.I.	7.25%				



Glazes

Decorative (non-functional) glazes are available in the Walkers Raku, Earthenware and Stoneware 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.