

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

PB103 Fine White Stoneware AA103

Description

White firing stoneware ideal for functional throwing & pressing extending also to sculpture and slab work.

Mesh : 120#

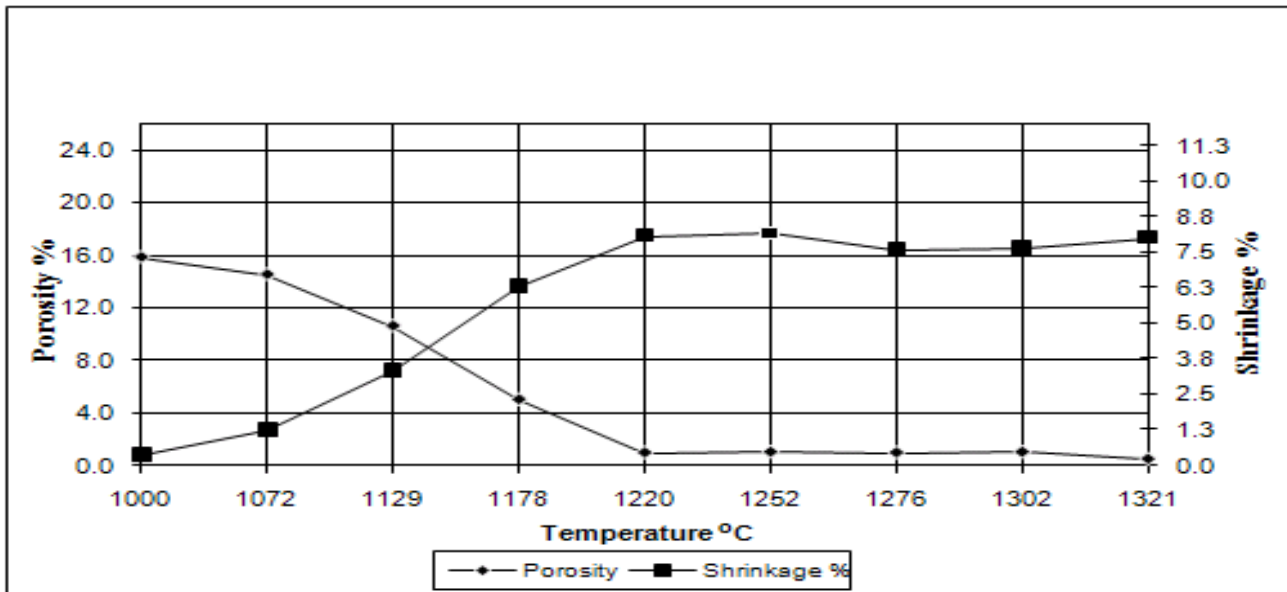
Recommended Firing

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 0.327% at 500° C and coefficient is 69.0 x 10⁻⁷ from 200° C to 500° C.

Chemical Analysis		Shrinkage (fired)			
SiO ₂	67.51%	From wet to dry		3.5%	± 0.5%
Al ₂ O ₃	19.98%	From dry to bisque		0.4%	± 0.2%
TiO ₂	0.62%	From bisque to glaze		8.0%	± 0.5%
Fe ₂ O ₃	0.54%				
CaO	1.36%	Water			
MgO	0.49%	Biscuit	1000°C	Orton Cone 06	14.5%
Na ₂ O	0.48%	Fired	1225°C	Orton Cone 6	less than 2%
K ₂ O	1.65%	Fired	1260°C	Orton Cone 8	0%
L.O.I.	7.34%				



Glazes

Functional and decorative glazes are available in the Walkers Stoneware glaze range. Compatible clear glazes are WSG30 or WSG31 (zinc free). If making your own glazes contact us for technical assistance if required.

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.