

WALKER
Ceramics



Feeneys
Clay

Pottery Clays, Glazes and Colours

Walker Ceramics Bone China Slip AB500

Description

An ultra white translucent body available in casting slip. This is simply the highest quality Bone China made in Australia.

Mesh : Ball milled body

Recommended Firing

Bisque	Glaze
1060° C	1225° C to 1250° C
Orton Cone 04	Orton Cone 6 to 8 / 1

Coefficient of Expansion

Sample fired at 1250° C, Orton cone 8/1. Linear expansion is 0.400% at 500° C and coefficient is 88.33×10^{-7} from 200° C to 500° C

Chemical Analysis		Shrinkage (fired)			
SiO ₂	38.29%	From wet to dry		2.0%	± 0.5%
Al ₂ O ₃	17.79%	From dry to bisque		2.0%	± 0.2%
TiO ₂	0.11%	From bisque to glaze		5.0%	± 0.5% @ 1225 C
Fe ₂ O ₃	0.26%				
CaO	36.45%	Water Absorption			
MgO	1.74%	Biscuit	1060° C	Orton Cone 04	15%
Na ₂ O	1.39%	Fired	1225° C	Orton Cone 6	less than 2%
K ₂ O	3.98%	Fired	1250° C	Orton Cone 7	0%
L.O.I.	6.02%				

