

## School Earthenware Stoneware

SES

AA220

**Bisque: 1000°C Orton Cone 06 - Minimum**

**Firing Range: 1060-1300°C Orton Cone 04 -10**

This is an amazingly reliable general purpose body that has great flexibility and has a very wide firing range. It is used extensively in schools around Australia.

It has 30# grog addition to give it great forgivability. It fires off-white at earthenware to an off-white mottle at stoneware.

Firing range is 1000-1300 and vitrification at 1220.

It is ideal for beginners for either throwing or many handbuilding techniques.

Suits glazes from all temperature ranges.

When manufacturing this clay we hammer mill, sieve, magnet and vacuum pug into ~10kg packs.

Origin: Made in Victoria with Australian materials.

### Glazes

All standard earthenware to stoneware glazes will suit this body.

### Packaging

Plastic Clay ~10 kg packs and ~1-1.25kg samples.

### Technical:

**Bisque:** 1000 Orton Cone 06

**Firing range:** 1060-1300°C Orton Cone 04 -10

**Mesh size:** 14# Hammer Milled

**Texture** Medium

**% Shrinkage wet to dry:** 4.2%

**% Shrinkage wet to bisque:** 4.6%

**% Shrinkage wet to fired:** 7.1% @ 1060°C

**% Shrinkage wet to fired:** 11.6% @ 1280°C

**Absorption:** Bisque = 15.5%

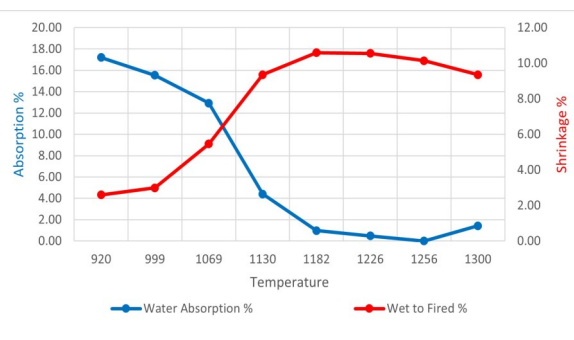
**Vitreous Temperature:** ~1220°C Orton Cone 5

**Fired colour 1080:** White

**Fired colour (oxidation):** Off White

**Fired colour (reduction):** Very light grey beige

Typical Chemical Analysis	
SiO <sub>2</sub>	68.14%
Al <sub>2</sub> O <sub>3</sub>	20.31%
TiO <sub>2</sub>	1.18%
Fe <sub>2</sub> O <sub>3</sub>	0.90%
CaO	0.29%
MgO	0.69%
Na <sub>2</sub> O	0.77%
K <sub>2</sub> O	1.91%
L.O.I.	5.76%



1080°C

1220°C

1300°C Oxidation

1300°C Reduction

