

TECHNICAL DATA SHEET

Product P3314 Cornish Stone (Synthetic).

Appearance Buff coloured damp powder.

Product Profile A white high firing mineral flux commonly used to replace original Cornish Stone in both clay bodies and glazes.

Typical Properties **Limits/Conditions.**

Particle size 60-65% <14 microns

Chemical Analysis (Typical) %

SiO ₂	-	73-66%
TiO ₂	-	0.02%
Al ₂ O ₃	-	15.81%
Fe ₂ O ₃	-	0.14%
CaO	-	0.28%
MgO	-	0.14%
K ₂ O	-	4.27%
Na ₂ O	-	4.31%
Lol	-	1.39%

Melting Range 1100 – 1300°C.

Specific Gravity 2.6 g/cm³

Slip Density 1.55 kg/litre

Moisture Content 3-12%

Storage It is recommended that this product is stored between 5 – 30°C.
Avoid storage in direct sunlight or frost.

This technical information is only a guide, established from characterisation and analysis of representative samples, and from routine production averages. Product characteristics are subject to modifications.

Date 13th February 2020.