



# TECHNICAL DATASHEET

## Cornish Stone

**APPEARANCE** Buff coloured damp powder

**PRODUCT PROFILE** Unfired high temperature ceramic mineral flux in powder form.

<b>1) TYPICAL PROPERTIES</b>		<b>LIMITS / CONDITIONS</b>
1.1	<b>Particle Size</b>	58–65% <14 microns malvern mastersizer presentation code 0807
1.2	<b>Chemical Analysis (typical)</b>	75.5% SiO <sub>2</sub> 14.5% Al <sub>2</sub> O <sub>3</sub> 0.90% CaO 0.05% MgO 3.50% K <sub>2</sub> O 3.70% Na <sub>2</sub> O 0.03% TiO <sub>2</sub> 0.25% Fe <sub>2</sub> O <sub>3</sub> 1.90% loss on ignition (at 1000°C)
1.3	<b>Specific Gravity</b>	2.6 g/cm <sup>3</sup>
1.4	<b>Sieving</b>	This material has been screened through a 0.425mm (nominal) aperture sieve (30's mesh).
1.5	<b>Moisture Content</b>	3 - 12%
1.6	<b>Storage</b>	It is recommended that this product is stored between 5 – 30°C. Avoid storage in direct sunlight or frost.