

TECHNICAL DATA SHEET

PRODUCT	
Cornish Stone	Also known as FCS2, Water Ground. FCS2 is a milled material composite flux designed to match the firing characteristics of Cornish Stoke. This product contains 100% active flux.

PARTICLE SIZE ANALYSIS AND PROPERTIES (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)		
	Mean	Range
Particle Size %< 14µ	62.0	60-65
Slip Density	1.56	1.50-1.62
Specific Gravity	2.625	2.60-2.65

Melting Range	1100°C to 1300°C
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CHEMICAL ANALYSIS (MEAN VALUES. THESE DO NOT REPRESENT A SPECIFICATION.)			
Silicon Oxide	SiO ₂	73.66	The following is provided for information only and is not part of the specification. Data is collated using quality control results.
Titanium Oxide	TiO ₂	0.02	
Aluminium Oxide	Al ₂ O ₃	15.81	
Iron Oxide	Fe ₂ O ₃	0.14	
Magnesium Oxide	MgO	0.14	
Calcium Oxide	CaO	0.28	
Potassium Oxide	K ₂ O	4.27	
Sodium Oxide	Na ₂ O	4.31	
Loss of Ignition	LOI	1.39	

PRODUCT SIZE
The products are available in Paper Bags (25kg), big bags and bulk.