

TECHNICAL INFORMATION

CALBUX FINE 1S

Medium reactivity, fine granular quicklime

CHEMICAL ANALYSIS

		TYPICAL	SPECIFICATION
Calcium Oxide	(CaO)	94.7%	(92.0% min)
Magnesium Oxide	(MgO)	0.50%	(1.2% max)
Carbon Dioxide	(CO ₂)	1.23%	(3.1% max)
Silica	(SiO ₂)	1.20%	
Alumina	(Al ₂ O ₃)	0.20%	
Iron Oxide	(Fe ₂ O ₃)	0.09%	
Sulphur	(S)	0.015%	(0.05% max)
Moisture	(H ₂ O)	0.50%	(1.0% max)
Arsenic	(As)	1.5 ppm	
Fluorine	(F)	118 ppm	
Lead	(Pb)	4.3 ppm	
Manganese	(Mn)	237 ppm	
Loss on Ignition	(LOI)	1.85%	(4.1% max)

PHYSICAL ANALYSIS

Form White / off – white granular crushed product

		TYPICAL	SPECIFICATION
% passing 4.0mm		100%	(100% min)
% passing 250µm		5.0%	(15.0% max)
BS 6463 Reactivity	(2 min)	38.0°C	
BS 6463 Reactivity	(5 min)	57.0°C	
Bulk density		940 – 1090 kg/m ³	

* Specifications are given at 95% confidence levels

PACKAGING

Bulk product supplied in powder tankers in lot sizes up to 30 tonnes

SAFETY

Refer to Safety Data Sheet at www.buxtonlime.com

STANDARDS

MANUFACTURE: In line with a Management System certified to BS EN ISO 9001, ISO 14001, ISO 50001, ISO 45001

ANALYSIS: Conforms to BS EN 459-1, BS EN 459-2, BS 6463: 102, BS 6463: 103, Buxton Lime in-house laboratory methods

For more information visit
www.buxtonlime.com

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