

### CUSTOMER SERVICE AND ORDERS

(08) 9411-1166

### TECHNICAL SUPPORT

(08) 9411-1111

### GENERAL ENQUIRY

(08) 9411-1000

### MSDS

(08) 9411-1111

www.cockburncement.com.au

### MANUFACTURE ADDRESS

Kailis Drive

Dongara

WA 6525

### ABN

50 008 673 470

### Safety Precautions



## Quicklime (ex Dongara)

### Physical Properties

Parameter	Units	Minimum <sup>1</sup>	Typical	Maximum <sup>1</sup>	AS1672 limit	Test Method
Slaking to AS4489						
Total Temperature Rise	°C	42	46	50		AS4489.3.1
Total Slaking Time	min	4.5	5.5	6.5		AS4489.3.1
Residue by Rotap <sup>2</sup>						
2.36mm	%	0	0	0.1		
0.6mm	%	0	0	0.2		
0.3mm	%	3	7	11		
0.15mm	%	40	50	60		
0.045mm	%	86	91	96		
Loose Bulk Density	kg/m <sup>3</sup>	700	750	800		AS4489.10.1

### Chemical Properties

Parameter	Units	Minimum <sup>1</sup>	Typical	Maximum <sup>1</sup>	AS1672 limit	Test Method
CaO	%	87	89	91		AS4489.5.1
SiO <sub>2</sub>	%	1.0	3.5	6.0		AS4489.5.1
Al <sub>2</sub> O <sub>3</sub>	%	0.1	0.2	0.3		AS4489.5.1
Fe <sub>2</sub> O <sub>3</sub>	%	<0.1	0.1	0.2		AS4489.5.1
MgO	%	4.9	5.1	5.3		AS4489.5.1
SO <sub>3</sub>	%	0.55	0.7	0.85		AS4489.5.1
Loss on ignition	%	0.3	0.7	1.5		AS4489.7.1
CO <sub>2</sub>	%	0	0.5	1.2	≤ 5	AS4489.5.1
Available Lime	%	83	86	90	≥ 60	AS4489.6.1

<sup>1</sup> – Results for minimum and maximum values indicate 95% confidence interval limits. Individual sample results may fall outside the values stated above.

<sup>2</sup> – AS1672.1 requires ≤ 20% residue on 600µm sieve for slaking residue CCL raw product exceeds this requirement.