

CUSTOMER SERVICE AND  
ORDERS

(08) 8984-0600

## TECHNICAL SUPPORT

(08) 9411-1111

## GENERAL ENQUIRY

(08) 8984-0600

## MSDS

(08) 9411-1111

www.cockburncement.com.au

## MANUFACTURE ADDRESS

Cnr Stuart &amp; Roper Highway

Mataranka

NT 852

## ABN

22 009 593 515

## Quicklime (ex Mataranka)

## Physical Properties

Parameter	Units	Min <sup>1</sup>	Typical	Max <sup>1</sup>	AS1672 limit	Test Method
Slaking to AS4489						
Total Temperature Rise	°C	34	41	49		AS4489.3.1
Total Slaking Time	min	2	4	7		AS4489.3.1
Residue by Rotap <sup>2</sup>						
2.36mm	%	0	2	6		
0.6mm	%	1	20	40		
0.3mm	%	10	30	60		
0.15mm	%	30	50	70		
0.045mm	%	50	80	90		
Loose Bulk Density	kg/m <sup>3</sup>	1000	1100	1200		AS4489.10.1

## Chemical Properties

Parameter	Units	Min <sup>1</sup>	Typical	Max <sup>1</sup>	AS1672 limit	Test Method
CaO	%	88	90	92		AS4489.5.1
SiO <sub>2</sub>	%	4.0	4.7	5.6		AS4489.5.1
Al <sub>2</sub> O <sub>3</sub>	%	0.8	1.2	1.6		AS4489.5.1
Fe <sub>2</sub> O <sub>3</sub>	%	0.4	0.7	1.0		AS4489.5.1
MgO	%	0.5	0.65	0.8		AS4489.5.1
SO <sub>3</sub>	%	0	0.02	0.05		AS4489.5.1
Loss on ignition	%	2.5	4.0	5.5		AS4489.7.1
CO <sub>2</sub>	%	2.0	3.5	5.0	≤ 5	AS4489.5.1
Available Lime	%	75	79	83	≥ 60	AS4489.6.1

<sup>1</sup> – Results for minimum and maximum values indicate 95% confidence interval limits based on 12 months data preceding the issue date. Confidence limits adjusted for non-normal distributions. Individual sample results may fall outside the values stated above.

<sup>2</sup> – AS1672.1 requires ≤20% residue on 600µm sieve for slaking residue.

## Safety Precautions

