

CUSTOMER SERVICE AND
ORDERS

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TECHNICAL SUPPORT

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www.cockburncement.com.au

MANUFACTURE ADDRESS

Lot 242

Russell Road East

Munster

WA 6166

ABN

50 008 673 470

Quicklime K6 (ex Munster)

Physical Properties

Parameter	Units	Min ¹	Typical	Max ¹	AS1672 limit	Test Method
Slaking to AS4489						
Total Temperature Rise	°C	39	43	48		AS4489.3.1
Total Slaking Time	min	3	4.5	6		AS4489.3.1
Residue by Rotap ²						
2.36mm	%	0	0.1	0.5		
1.18mm	%	0	0.6	1.8		
0.6mm	%	1	3	5.5		
0.3mm	%	8	12	18		
0.15mm	%	35	48	58		
0.045mm	%	70	82	94		
Loose Bulk Density	kg/m ³	750	810	860		AS4489.10.1

Chemical Properties

Parameter	Units	Min ¹	Typical	Max ¹	AS1672 limit	Test Method
CaO	%	81.3	83.0	85.0		AS4489.5.1
SiO ₂	%	6.2	7.9	9.6		AS4489.5.1
Al ₂ O ₃	%	0.5	0.6	0.74		AS4489.5.1
Fe ₂ O ₃	%	0.28	0.33	0.40		AS4489.5.1
MgO	%	4.8	5.0	5.2		AS4489.5.1
SO ₃	%	1.1	1.2	1.3		AS4489.5.1
Loss on ignition	%	0.5	1.2	2.3		AS4489.7.1
CO ₂	%	0.4	1.0	2.0	≤ 5	AS4489.5.1
Available Lime	%	78	80.4	83	≥ 60	AS4489.6.1

¹ – 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.

² – AS1672.1 requires ≤20% residue on 600µm sieve for slaking residue, CCL raw product before slaking is <10%.



Safety Precautions