

Quicklime Test Certificate

Final

Product Certified: Quicklime
Test Certificate Number: 230059
Customer: Adelaide Brighton Cement, Angaston Plant, SA
Sample Code: A086b85
Sample Date: 03/01/2023

Reportable Property	Test Method	Requirements of AS1672.1	Result
CHEMICAL ANALYSIS			
Available Lime (CaO)	AS4489.6.1	Min 60 %	86.7 %
Magnesium Oxide	AS4489.5.1	N/R	1.2 %
Calcium Oxide	AS4489.5.1	N/R	92.3 %
Loss On Ignition	AS4489.7.1	N/R	3.3 %
Carbon Dioxide	BH-TM-0547	Max 5 %	2.2 %
PHYSICAL TESTING			
Temperature Rise in 30 seconds	AS4489.3.1	N/R	12 °C
Total Temperature Rise	AS4489.3.1	N/R	44 °C
Total Slaking Time	AS4489.3.1	N/R	13 min
600 µm Residue on Slaking	AS4489.3.1	Max 20 %	<0.1%

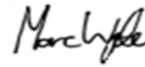
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REMARKS

These test result apply specifically to the sample as received at the Adelaide Brighton Cement Birkenhead Laboratory (Accreditation number: 252), 62 Elder Rd Birkenhead SA 5015.
 This despatch grab sample complies to the requirements of AS1672.1:1997, Quicklime.
 N/R = No Requirement



Accredited for compliance with ISO/IEC 17025 - Testing.



Approved Signatory

M. Wythe

Issue Date: 10/02/2023