

Quicklime Test Certificate

Final

Product Certified: Quicklime
Test Certificate Number: 220159
Produced At: Adelaide Brighton Cement, Angaston Plant, SA
Sample Code: A083ca5
Sample Date: 07/12/2021

Reportable Property	Test Method	Requirements of AS1672.1	Result
CHEMICAL ANALYSIS			
Available Lime (CaO)	AS4489.6.1	Min 60 %	86.0 %
Magnesium Oxide	AS4489.5.1	N/R	1.1 %
Calcium Oxide	AS4489.5.1	N/R	91.9 %
Loss On Ignition	AS4489.7.1	N/R	3.8 %
Carbon Dioxide	BH-TM-0547	Max 5 %	2.6 %
PHYSICAL TESTING			
Temperature Rise in 30 seconds	AS4489.3.1	N/R	14 °C
Total Temperature Rise	AS4489.3.1	N/R	43 °C
Total Slaking Time	AS4489.3.1	N/R	16 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. The results of the tests, calibrations and/or measurements included in this documt are traceable to Australian/national standards.

Approved Signatory

M. Wythe

Issue Date: 17/05/2022