

# Quicklime Test Certificate

Final

**Product Certified:** Quicklime  
**Test Certificate Number:** 230176  
**Customer:** Adelaide Brighton Cement, Angaston Plant, SA  
**Sample Code:** A0872dc  
**Sample Date:** 04/04/2023

Reportable Property	Test Method	Requirements of AS1672.1	Result
<b>CHEMICAL ANALYSIS</b>			
Available Lime (CaO)	AS4489.6.1	Min 60 %	86.5 %
Magnesium Oxide	AS4489.5.1	N/R	1.1 %
Calcium Oxide	AS4489.5.1	N/R	92.2 %
Loss On Ignition	AS4489.7.1	N/R	3.9 %
Carbon Dioxide	BH-TM-0547	Max 5 %	2.6 %
<b>PHYSICAL TESTING</b>			
Temperature Rise in 30 seconds	AS4489.3.1	N/R	11 °C
Total Temperature Rise	AS4489.3.1	N/R	47 °C
Total Slaking Time	AS4489.3.1	N/R	14 min
600 µm Residue on Slaking	AS4489.3.1	Max 20 %	<0.1%

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## REMARKS

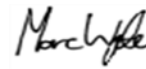
These test result apply specifically to the sample as received at the Adelaide Brighton Cement Birkenhead Laboratory (Accreditation number: 252), 62 Elder Rd Birkenhead SA 5015.

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:** 12/05/2023