

FINAL REPORT

CERTIFICATE No.: 22160



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TEST CERTIFICATE OF: Marulan Quicklime Fines - Despatch Composite
PRODUCED AT: Boral Cement Limited Marulan
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: LDQLF2100395
DATE SAMPLED: for date ending 3/02/2021

PROPERTY	RESULT
Chemical Composition (AS 4489.5.1)	
CaO	92.5 %
MgO	0.7 %
Al ₂ O ₃	0.5 %
SiO ₂	1.4 %
K ₂ O	0.1 %
Fe ₂ O ₃	0.2 %
LOI (AS 4489.7.1)	4.3 %
ALI as CaO (AS 4489.6.1)	90.7 %
Slaking (AS 4489.3.1)	
Temperature Rise at 30 s	29.0 °C
Temperature Rise at 3 min	37.5 °C
Total Temperature Rise	42.5 °C
Total Active Slaking Time	12.0 mins
Residue on Slaking	1.29 %
Particle Size Distribution * (AS 1141.11.1)	
< 4.75 mm	100 %
< 2.36 mm	100 %
< 1.18 mm	98 %
< 600 µm	89 %

REMARKS

Sampling not carried out by laboratory. Samples tested as received.

* Samples are not washed.



Accredited for compliance with ISO/IEC 17025 - Testing

Marc Smith
Technical Services Manager