

FINAL REPORT

CERTIFICATE No.: 22141



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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: LDQLF2100316
DATE SAMPLED: for date ending 27/01/2021

PROPERTY	RESULT
Chemical Composition (AS 4489.5.1)	
CaO	92.9 %
MgO	0.6 %
Al ₂ O ₃	0.5 %
SiO ₂	1.2 %
K ₂ O	0.1 %
Fe ₂ O ₃	0.2 %
LOI (AS 4489.7.1)	4.1 %
ALI as CaO (AS 4489.6.1)	89.7 %
Slaking (AS 4489.3.1)	
Temperature Rise at 30 s	34.5 °C
Temperature Rise at 3 min	43.5 °C
Total Temperature Rise	50.5 °C
Total Active Slaking Time	13.0 mins
Residue on Slaking	1.14 %
Particle Size Distribution * (AS 1141.11.1)	
< 4.75 mm	100 %
< 2.36 mm	100 %
< 1.18 mm	98 %
< 600 µm	90 %

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