

FINAL REPORT

CERTIFICATE No.: 22765



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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: LDQLF2102496
DATE SAMPLED: for date ending 7/08/2021

| PROPERTY | RESULT |
|---|----------|
| Chemical Composition (AS 4489.5.1) | |
| CaO | 94.0 % |
| MgO | 0.8 % |
| Al ₂ O ₃ | 0.4 % |
| SiO ₂ | 1.2 % |
| K ₂ O | 0.1 % |
| Fe ₂ O ₃ | 0.3 % |
| LOI (AS 4489.7.1) | 3.6 % |
| ALI as CaO (AS 4489.6.1) | 86.0 % |
| Slaking (AS 4489.3.1) | |
| Temperature Rise at 30 s | 36.5 °C |
| Temperature Rise at 3 min | 47.5 °C |
| Total Temperature Rise | 51.0 °C |
| Total Active Slaking Time | 8.0 mins |
| Residue on Slaking | 0.67 % |
| Particle Size Distribution * (AS 1141.11.1) | |
| < 4.75 mm | 100 % |
| < 2.36 mm | 100 % |
| < 1.18 mm | 98 % |
| < 600 µm | 91 % |

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