

FINAL REPORT

CERTIFICATE No.: 22261



Boral Cement Limited
ABN 62 008 528 523
Taylor Avenue New Berrima NSW 2577
Locked Bag 4 New Berrima NSW 2577
T +61 2 4860 2222
F +61 2 4860 2257

TEST CERTIFICATE OF: Marulan Quicklime Fines - Despatch Composite
PRODUCED AT: Boral Cement Limited Marulan
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: LDQLF2100688
DATE SAMPLED: for date ending 7/03/2021

| PROPERTY | RESULT |
|---|-----------|
| Chemical Composition (AS 4489.5.1) | |
| CaO | 93.6 % |
| MgO | 0.8 % |
| Al ₂ O ₃ | 0.6 % |
| SiO ₂ | 1.8 % |
| K ₂ O | 0.1 % |
| Fe ₂ O ₃ | 0.4 % |
| LOI (AS 4489.7.1) | 2.6 % |
| ALI as CaO (AS 4489.6.1) | 89.5 % |
| Slaking (AS 4489.3.1) | |
| Temperature Rise at 30 s | 20.0 °C |
| Temperature Rise at 3 min | 37.5 °C |
| Total Temperature Rise | 45.0 °C |
| Total Active Slaking Time | 13.0 mins |
| Residue on Slaking | 0.71 % |
| Particle Size Distribution * (AS 1141.11.1) | |
| < 4.75 mm | 100 % |
| < 2.36 mm | 99 % |
| < 1.18 mm | 96 % |
| < 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