

FINAL REPORT

CERTIFICATE No.: 25951



Boral Cement Limited

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TEST CERTIFICATE OF: Berrima Daily Despatch Shrinkage Limited Cement
PRODUCED AT: Boral Cement Limited Berrima
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: BDDSL2401730
DATE DESPATCHED: 4/24/2024

| PROPERTY | REQUIREMENTS OF AS 3972 | | RESULT |
|---------------------------------------|-------------------------|------------------|------------------|
| Compressive Strength (AS/NZS 2350.11) | | | |
| 3 Day | | | 37.8 MPa |
| 7 Day | Minimum | 35 MPa | 48.1 MPa |
| 28 Day | Minimum | 45 MPa | 59.1 MPa |
| Setting Time (AS/NZS 2350.4) | | | |
| Initial | Minimum | 45 mins | 120 mins |
| Final | Maximum | 600 mins | 150 mins |
| Soundness (AS/NZS 2350.5) | Maximum | 5 mm | 1 mm |
| SO ₃ (AS 2350.2) | Maximum | 3.5 % | 2.6 % |
| CI (AS 2350.2) | Maximum | 0.10 % | 0.04 % |
| Shrinkage (AS 2350.13) | | | |
| 28 Day Mean | Maximum | 750 μ strain | 620 μ strain |

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.63 %
Na₂O (AS 2350.2) 0.07 %
LOI (AS 2350.2) 4.0 %

PHYSICAL

Normal Consistency (AS/NZS 2350.3) 28.0 %
Fineness Index (AS/NZS 2350.8) 395 m²/kg

REMARKS

Preparation of mortar and moulding of specimens in accordance with AS 2350.12.

Sampling not carried out by laboratory. Samples tested as received and results only relate to the item tested.

This cement is a Type SL (GP) cement with up to 7.5% limestone mineral addition.



Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

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Jason Nairn
National Technical Manager
Date of Issue: 6/11/2024