FINAL REPORT

CERTIFICATE No.: 26796



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: BDDSL2500149

DATE DESPATCHED: 22/01/2025

| PROPERTY | | REQUIREM | REQUIREMENTS OF AS 3972 | | RESULT |
|-------------------------------|-----------------|----------|-------------------------|-----------------|-------------|
| Compressive Strength (A | AS/NZS 2350.11) | | | | |
| 3 Day | • | | | | 37.8 MPa |
| 7 Day | | Minimum | 35 MPa | | 50.7 MPa |
| 28 Day | | Minimum | 45 MPa | | 61.9 MPa |
| Setting Time (AS/NZS 2 | 350.4) | | | | |
| Initial | | Minimum | 45 mins | | 150 mins |
| Final | | Maximum | 600 mins | | 180 mins |
| Soundness (AS/NZS 2350.5) | | Maximum | 5 mm | | 1 mm |
| SO ₃ (AS 2350.2) | | Maximum | 3.5 % | | 2.5 % |
| CI (AS 2350.2) | | Maximum | 0.10 % | | 0.02 % |
| Shrinkage (AS 2350.13) |) | | | | |
| 28 Day Mean | | Maximum | 750 μstrain | | 660 µstrair |
| OTHER REPORTABLE | PROPERTIES | | | | |
| CHEMICAL | | | PHYSICAL | | |
| K ₂ O (AS 2350.2) | 0.59 % | | Normal Consistency | (AS/NZS 2350.3) | 27.8 % |
| Na ₂ O (AS 2350.2) | 0.07 % | | Fineness Index | (AS/NZS 2350.8) | 410 m²/kg |
| LOI (AS 2350.2) | 3.9 % | | | | |

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.

Shales

Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

Page 1 of 1

Jason Nairn National Technical Manager Date of Issue: 3/12/2025