

# FINAL REPORT

CERTIFICATE No.: 26180



Boral Cement Limited

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**TEST CERTIFICATE OF:** Maldon Daily Despatch Shrinkage Limited Cement  
**PRODUCED AT:** Boral Cement Limited Maldon  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** MDDSL2402873  
**DATE DESPATCHED:** 7/2/2024

| PROPERTY                              | REQUIREMENTS OF AS 3972 |                  | RESULT           |
|---------------------------------------|-------------------------|------------------|------------------|
| Compressive Strength (AS/NZS 2350.11) |                         |                  |                  |
| 3 Day                                 |                         |                  | 32.4 MPa         |
| 7 Day                                 | Minimum                 | 35 MPa           | 44.6 MPa         |
| 28 Day                                | Minimum                 | 45 MPa           | 57.0 MPa         |
| Setting Time (AS/NZS 2350.4)          |                         |                  |                  |
| Initial                               | Minimum                 | 45 mins          | 150 mins         |
| Final                                 | Maximum                 | 600 mins         | 195 mins         |
| Soundness (AS/NZS 2350.5)             | Maximum                 | 5 mm             | 1 mm             |
| SO <sub>3</sub> (AS 2350.2)           | Maximum                 | 3.5 %            | 2.6 %            |
| CI (AS 2350.2)                        | Maximum                 | 0.10 %           | 0.01 %           |
| Shrinkage (AS 2350.13)                |                         |                  |                  |
| 28 Day Mean                           | Maximum                 | 750 $\mu$ strain | 600 $\mu$ strain |

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.56 %  
Na<sub>2</sub>O (AS 2350.2) 0.10 %  
LOI (AS 2350.2) 4.0 %

### PHYSICAL

Normal Consistency (AS/NZS 2350.3) 27.8 %  
Fineness Index (AS/NZS 2350.8) 395 m<sup>2</sup>/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: 8/8/2024