

# FINAL REPORT

CERTIFICATE No.: 26195



Boral Cement Limited

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**TEST CERTIFICATE OF:** Geelong High Early Strength Cement  
**PRODUCED AT:** Boral Cement Limited Geelong  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** GWDHE2402979  
**DATE DESPATCHED:** 7/2/2024

| PROPERTY                              | REQUIREMENTS OF AS 3972 |          | RESULT   |
|---------------------------------------|-------------------------|----------|----------|
| Compressive Strength (AS/NZS 2350.11) |                         |          |          |
| 3 Day                                 | Minimum                 | 25 MPa   | 39.0 MPa |
| 7 Day                                 | Minimum                 | 40 MPa   | 52.6 MPa |
| 28 Day                                |                         |          | 67.6 MPa |
| Setting Time (AS/NZS 2350.4)          |                         |          |          |
| Initial                               | Minimum                 | 45 mins  | 105 mins |
| Final                                 | Maximum                 | 360 mins | 150 mins |
| Soundness (AS/NZS 2350.5)             | Maximum                 | 5 mm     | 1 mm     |
| SO <sub>3</sub> (AS 2350.2)           | Maximum                 | 3.5 %    | 2.8 %    |
| CI (AS 2350.2)                        | Maximum                 | 0.10 %   | < 0.01 % |

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.31 %  
Na<sub>2</sub>O (AS 2350.2) 0.28 %  
LOI (AS 2350.2) 0.9 %

### PHYSICAL

Normal Consistency (AS/NZS 2350.3) 30.2 %  
Fineness Index (AS/NZS 2350.8) 475 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 HE (GP) cement with up to 7.5% mineral addition.



Accredited for compliance with ISO/IEC 17025 - Testing

Jason Nairn  
(National Technical Manager)