

FINAL REPORT

CERTIFICATE No.: 26258



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: GWDHE2403365
DATE DESPATCHED: 7/22/2024

| PROPERTY | REQUIREMENTS OF AS 3972 | | RESULT |
|---------------------------------------|-------------------------|----------|----------|
| Compressive Strength (AS/NZS 2350.11) | | | |
| 3 Day | Minimum | 25 MPa | 39.8 MPa |
| 7 Day | Minimum | 40 MPa | 53.3 MPa |
| 28 Day | | | 63.9 MPa |
| Setting Time (AS/NZS 2350.4) | | | |
| Initial | Minimum | 45 mins | 90 mins |
| Final | Maximum | 360 mins | 105 mins |
| Soundness (AS/NZS 2350.5) | Maximum | 5 mm | 1 mm |
| SO ₃ (AS 2350.2) | Maximum | 3.5 % | 2.9 % |
| CI (AS 2350.2) | Maximum | 0.10 % | < 0.01 % |

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.29 %
Na₂O (AS 2350.2) 0.29 %
LOI (AS 2350.2) 1.0 %

PHYSICAL

Normal Consistency (AS/NZS 2350.3) 30.3 %
Fineness Index (AS/NZS 2350.8) 470 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 HE (GP) cement with up to 7.5% mineral addition.



Accredited for compliance with ISO/IEC 17025 - Testing

Jason Nairn
(National Technical Manager)