

# FINAL REPORT

CERTIFICATE No.: 22356



Boral Cement Limited  
ABN 62 008 528 523  
Taylor Avenue New Berrima NSW 2577  
Locked Bag 4 New Berrima NSW 2577  
T +61 2 4860 2222  
F +61 2 4860 2257

**TEST CERTIFICATE OF:** Berrima Daily Despatch High Early Strength Cement  
**PRODUCED AT:** Boral Cement Limited Berrima  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** BWDHE2101010  
**DATE DESPATCHED:** 12/04/2021

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day	Minimum	25 MPa	44.6 MPa
7 Day	Minimum	40 MPa	55.3 MPa
28 Day			66.9 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	90 mins
Final	Maximum	360 mins	180 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	2.9 %
Cl (AS 2350.2)	Maximum	0.10 %	0.02 %

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.61 %  
Na<sub>2</sub>O (AS 2350.2) 0.07 %  
LOI (AS 2350.2) 1.6 %

### PHYSICAL

Normal Consistency (AS 2350.3) 30.2 %  
Fineness Index (AS 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.  
This cement is a Type HE (GP) cement.



Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

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Marc Smith  
Technical Services Manager  
Date of Issue: 14/05/2021