

# FINAL REPORT

CERTIFICATE No.: 25791



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:** BDDSL2400861  
**DATE DESPATCHED:** 3/4/2024

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS/NZS 2350.11)			
3 Day			35.8 MPa
7 Day	Minimum	35 MPa	46.7 MPa
28 Day	Minimum	45 MPa	58.6 MPa
Setting Time (AS/NZS 2350.4)			
Initial	Minimum	45 mins	135 mins
Final	Maximum	600 mins	165 mins
Soundness (AS/NZS 2350.5)	Maximum	5 mm	1 mm
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	2.7 %
CI (AS 2350.2)	Maximum	0.10 %	< 0.01 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 $\mu$ strain	610 $\mu$ strain

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.56 %  
Na<sub>2</sub>O (AS 2350.2) 0.08 %  
LOI (AS 2350.2) 3.7 %

### PHYSICAL

Normal Consistency (AS/NZS 2350.3) 28.5 %  
Fineness Index (AS/NZS 2350.8) 405 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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Marc Smith  
Technical Services Manager  
Date of Issue: 4/18/2024