

# FINAL REPORT

CERTIFICATE No.: 24870



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:** BDDSL2301732  
**DATE DESPATCHED:** 16/05/2023

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			39.0 MPa
7 Day	Minimum	35 MPa	52.4 MPa
28 Day	Minimum	45 MPa	63.7 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	135 mins
Final	Maximum	600 mins	210 mins
Soundness (AS 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 %	0.02 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 $\mu$ strain	640 $\mu$ strain

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.60 %  
Na<sub>2</sub>O (AS 2350.2) 0.11 %  
LOI (AS 2350.2) 3.9 %

### PHYSICAL

Normal Consistency (AS 2350.3) 28.8 %  
Fineness Index (AS 2350.8) 400 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 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: 6/07/2023