

# FINAL REPORT

CERTIFICATE No.: 23081



Boral Cement Limited  
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**TEST CERTIFICATE OF:** Berrima Weekly Despatch Imported White Cement  
**PRODUCED AT:** Imported Product  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** JKDWC2103651  
**DATE DESPATCHED:** 19/11/2021

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	3.2 %
Cl (AS 2350.2)	Maximum	0.10 %	0.05 %

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.36 %  
Na<sub>2</sub>O (AS 2350.2) 0.15 %  
LOI (AS 2350.2) 3.2 %

### PHYSICAL

Fineness Index (AS 2350.8) 355 m<sup>2</sup>/kg  
Brightness \* (TM 10.01.12) 88.3 %

## REMARKS

Sampling not carried out by laboratory. Samples tested as received.

\* NATA accreditation does not cover the performance of this service.



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: 29/03/2022

**TEST REPORT****CLIENT:** BORAL CEMENT – (TECHNICAL)**FILE NO:** 50/22**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113**REQUEST NO:** 98364**TEST METHOD:** AS/NZS 2350: Method of Testing Portland and Blended Cements**CEMENT IDENTIFICATION:** JKDWC2103651**LAB. SAMPLE NO:** 264100**SAMPLE SOURCE:** Boral Cement - Berrima**DATE SAMPLED:** 19/11/2021**DATE RECEIVED:** 01/03/2022**Results**Date of cast: 04/03/2022

PROPERTY	DATE TESTED	TEST METHOD	RESULT
Compressive strength - 3 days	07/03/2022	AS/NZS 2350.11	45.8 MPa
Compressive strength - 7 days	11/03/2022	AS/NZS 2350.11	55.9 MPa
Compressive strength - 28 days	01/04/2022	AS/NZS 2350.11	64.1 MPa
Normal Consistency	25/03/2022	AS/NZS 2350.3	28.2%
Setting Time Initial Set	25/03/2022	AS/NZS 2350.4	120 Minutes
Final Set	25/03/2022	AS/NZS 2350.4	195 Minutes
Soundness	26/03/2022	AS/NZS 2350.5	1 mm

**Note:**

- Cement was provided by the client and tested as received.

Marc Smith, Parisa Sowti, Violeta Paicu, Mat. File, File

Approved Signatory Julius Alvaro  
Date 04/04/2022 Serial No. CEM98364.JA.18

