

## FINAL REPORT

CERTIFICATE No.: 25132



Boral Cement Limited

N 62 008 528 523

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**TEST CERTIFICATE OF:** Tarong Daily Despatch Grade 1 Fly Ash  
**PRODUCED AT:** Boral Cement Limited Tarong  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** TDDFA2303002  
**DATE DESPATCHED:** 20/07/2023

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	88 %
LOI (AS 3583.3)	≤ 4.0 %	2.0 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SO <sub>3</sub> (AS 2350.2)	≤ 3.0 %	< 0.1 %
SiO <sub>2</sub> (AS 2350.2)		71.1 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		24.3 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.4 %
Chemical Composition (AS 2350.2)	≥ 70 %	96 %
Total Alkali (AS 2350.2)		0.3 %
Cl (AS 2350.2)	≤ 0.1 %	< 0.01 %

### REMARKS

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



Accredited for compliance with ISO/IEC 17025 - Testing

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Technical Services Manager

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[boral.com.au](http://boral.com.au)**TEST REPORT – FLYASH****CLIENT:** BORAL CEMENT – (TECHNICAL)**FILE NO:** 50/23**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113**REQUEST NO:** 107253**SAMPLE IDENTIFICATION:** TDDFA2303002**LAB SAMPLE NO:** 288330**SOURCE OF SAMPLE:** Boral Cement - Berrima**DATE SAMPLED:** 20/07/2023**DATE RECEIVED:** 07/08/2023**IDENTIFICATION OF CEMENT USED:** Boral Cement SL Berrima Ref. 2022**TEST METHOD:** AS 3583: Methods of test for supplementary cementitious materials for use with Portland cement

PROPERTY	DATE TESTED	RESULT	TEST METHOD
Relative density	15/08/2023	2.10	AS 3583.5
Relative water requirement	17/08/2023	102%	AS 3583.6
Relative strength 7 days (accelerated)	24/08/2023	94%	AS 3583.6

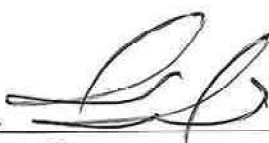
**Note:**

- Sample supplied by the client and tested as received.

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

Approved Signatory

Date

  
2/9/23

Serial No.

Sam El-Hamawi

CEM107253.SE.1

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Test results in this Test Report relate only to the samples tested.**NATA Accredited Laboratory**  
Number: 547