

## FINAL REPORT

CERTIFICATE No.: 26064



Boral Cement Limited

ABN 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:** TDDFA2402275  
**DATE DESPATCHED:** 5/22/2024

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	80 %
LOI (AS 3583.3)	≤ 4.0 %	1.6 %
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)		69.3 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		24.5 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		2.5 %
Chemical Composition (AS 2350.2)	≥ 70 %	96 %
Total Alkali (AS 2350.2)		0.3 %
CI (AS 2350.2)	≤ 0.1 %	< 0.01 %

### REMARKS

Sampling not carried out by laboratory. Samples tested as received and results only relate to the item tested.



Accredited for compliance with ISO/IEC 17025 - Testing

Jason Nairn  
National Technical Manager



**Building  
something  
great**

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### TEST REPORT – FLYASH

**CLIENT:** BORAL CEMENT – (TECHNICAL)  
**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113

**FILE NO:** 50/24  
**REQUEST NO:** 112728

**SAMPLE IDENTIFICATION:** TDDFA2402275

**LAB SAMPLE NO:** 304182

**SOURCE OF SAMPLE:** Boral Cement - Berrima

**DATE SAMPLED:** 22/05/2024

**DATE RECEIVED:** 04/06/2024

**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	12/06/2024	2.05	AS 3583.5
Relative water requirement	13/06/2024	100%	AS 3583.6
Relative strength 7 days (accelerated)	20/06/2024	95%	AS 3583.6

**Note:**

- Sample supplied by the client and tested as received.

Melody Mancenido, Parisa Sowti, Violeta Paicu, Jason Nairn, Mat. File, File

Approved signatory

Sam El-Hamawi

Date

16/07/2024

Serial no.

CEM112728.SE.1

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This report shall not be reproduced in full without the approval of the Boral MTS Laboratory.  
Test results in this Test Report relate only to the samples tested.



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