

## FINAL REPORT

CERTIFICATE No.: 26555



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:** TDDFA2405034  
**DATE DESPATCHED:** 24/10/2024

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 %
SiO <sub>2</sub> (AS 2350.2)		73.3 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		21.7 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.9 %
Chemical Composition (AS 2350.2)	≥ 70 %	96 %
Total Alkali (AS 2350.2)		0.4 %
Cl (AS 2350.2)	≤ 0.1 %	0.00 %

### 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)

FILE NO: 50/24

ADDRESS: 39 Delhi Road, North Ryde, NSW 2113

REQUEST NO: 115448

SAMPLE IDENTIFICATION: TDDFA2405034

LAB SAMPLE NO: 312487

SOURCE OF SAMPLE: Queensland

DATE SAMPLED: 24/10/2024

DATE RECEIVED: 28/10/2024

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	05/11/2024	2.07	AS 3583.5
Relative water requirement	07/11/2024	104%	AS 3583.6
Relative strength 7 days (accelerated)	14/11/2024	94%	AS 3583.6

**Note:**

- Sample supplied by the client and tested as received.

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

Sam El-Hamawi

Approved signatory

CEM115448.SE.1

Date

18/11/2024

Serial no.

