

## FINAL REPORT

CERTIFICATE No.: 26199



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:** TDDFA2403027  
**DATE DESPATCHED:** 6/27/2024

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	83 %
LOI (AS 3583.3)	≤ 4.0 %	1.4 %
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)		70.7 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		24.8 %
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)		0.4 %
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:** 113419

**SAMPLE IDENTIFICATION:** TDDFA2403027

**LAB SAMPLE NO:** 306115

**SOURCE OF SAMPLE:** Queensland

**DATE SAMPLED:** 27/06/2024

**DATE RECEIVED:** 08/07/2024

**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	17/07/2024	2.08	AS 3583.5
Relative water requirement	18/07/2024	100%	AS 3583.6
Relative strength 7 days (accelerated)	25/07/2024	98%	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

29/07/2024

Serial no.

CEM113419.SE.1

