

## FINAL REPORT

CERTIFICATE No.: 27551



Boral Cement Limited

ABN 62 008 528 523

Taylor Avenue New Berrima NSW 2577

Locked Bag 4 New Berrima NSW 2577

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**TEST CERTIFICATE OF:** Tarong Daily Despatch Grade 1 Fly Ash  
**PRODUCED AT:** Boral Cement Limited Tarong  
**TESTED AT:** Boral Cement QA Laboratory  
**SAMPLE IDENTIFICATION:** TDDFA2503512  
**DATE DESPATCHED:** 19/09/2025

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	83 %
LOI (AS 3583.3)	≤ 4.0 %	1.8 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SiO <sub>2</sub> (AS 2350.2)		73.0 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		22.0 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.5 %
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

Melody Mancenido  
Technical Services Manager



Building  
something  
great

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### TEST REPORT – FLYASH

**CLIENT:** BORAL CEMENT – (TECHNICAL)

**FILE NO:** 50/25

**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113

**REQUEST NO:** 120689

**SAMPLE IDENTIFICATION:** TDDFA2503512

**LAB SAMPLE NO:** 328565

**SOURCE OF SAMPLE:** Queensland

**DATE SAMPLED:** 19/09/2025

**DATE RECEIVED:** 23/09/2025

**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	23/09/2025	2.11	AS 3583.5
Relative water requirement	25/09/2025	103%	AS 3583.6
Relative strength 7 days (accelerated)	02/10/2025	98%	AS 3583.6
Relative strength 28 days (standard)	23/10/2025	93%	AS 3583.6

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory

Sam El-Hamawi  
CEM120689.SE.1

Date 29/10/2025 Serial no. \_\_\_\_\_

