

# FINAL REPORT

CERTIFICATE No.: 27054



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:** TDDFA2501304  
**DATE DESPATCHED:** 3/04/2025

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	85 %
LOI (AS 3583.3)	≤ 4.0 %	2.7 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SiO <sub>2</sub> (AS 2350.2)		68.9 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		24.6 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		1.4 %
Chemical Composition (AS 2350.2)	≥ 70 %	95 %
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

A handwritten signature in blue ink, appearing to read "Melody Mancenido".

Melody Mancenido  
Technical Services Manager



**Building  
something  
great**

**TEST REPORT – FLYASH**

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

**FILE NO:** 50/25

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

**REQUEST NO:** 118045

**SAMPLE IDENTIFICATION:** TDDFA2501304

**LAB SAMPLE NO:** 319940

**SOURCE OF SAMPLE:** Queensland

**DATE SAMPLED:** 03/04/2025

**DATE RECEIVED:** 08/04/2025

**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	09/04/2025	2.12	AS 3583.5
Relative water requirement	10/04/2025	102%	AS 3583.6
Relative strength 7 days (accelerated)	17/04/2025	96%	AS 3583.6
Relative strength 28 days (standard)	08/05/2025	92%	AS 3583.6

**Note:**

- Sample supplied by the client and tested as received.

Melody Mancenido, Rebecca Jordan, Mat. File, File

Approved signatory 

Sam El-Hamawi  
CEM118045.SE.1

Date 12/05/2025 Serial no. \_\_\_\_\_

