

## FINAL REPORT

CERTIFICATE No.: 27065



Boral Cement Limited

ABN 62 008 528 523

Taylor Avenue New Berrima NSW 2577

Locked Bag 4 New Berrima NSW 2577

T +61 2 4860 2222

**TEST CERTIFICATE OF:** Tarong Daily Despatch Grade 1 Fly Ash  
**PRODUCED AT:** Boral Cement Limited Tarong  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** TDDFA2501375  
**DATE DESPATCHED:** 10/04/2025

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	83 %
LOI (AS 3583.3)	≤ 4.0 %	3.7 %
Moisture (AS 3583.2)	≤ 0.5 %	0.1 %
SiO <sub>2</sub> (AS 2350.2)		68.7 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		23.6 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		1.7 %
Chemical Composition (AS 2350.2)	≥ 70 %	94 %
Total Alkali (AS 2350.2)		0.5 %
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**

Unit 4, 3-5 Gibbon Road,  
Baulkham Hills NSW 2153 Australia  
PO Box 400,  
Winston Hills NSW 2153

T +61 (02) 9624 9900  
**boral.com.au**

### TEST REPORT – FLYASH

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

**FILE NO:** 50/25

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

**REQUEST NO:** 118161

**SAMPLE IDENTIFICATION:** TDDFA2501375

**LAB SAMPLE NO:** 320296

**SOURCE OF SAMPLE:** Queensland

**DATE SAMPLED:** 10/04/2025

**DATE RECEIVED:** 15/04/2025

**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	23/04/2025	2.08	AS 3583.5
Relative water requirement	24/04/2025	101%	AS 3583.6
Relative strength 7 days (accelerated)	01/05/2025	98%	AS 3583.6
Relative strength 28 days (standard)	22/05/2025	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  
CEM118161.SE.1

Date

26/05/2025

Serial no.

