

## FINAL REPORT

CERTIFICATE No.: 26435



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: TDDFA2404368  
DATE DESPATCHED: 9/19/2024

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	91 %
LOI (AS 3583.3)	≤ 4.0 %	1.0 %
Moisture (AS 3583.2)	≤ 0.5 %	0.2 %
SiO <sub>2</sub> (AS 2350.2)		71.4 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		24.5 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.6 %
Chemical Composition (AS 2350.2)	≥ 70 %	97 %
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 "J. Nairn".

Jason Nairn  
National Technical Manager



**Building  
something  
great**

TEST REPORT – FLYASH

CLIENT: BORAL CEMENT – (TECHNICAL)

FILE NO: 50/24

ADDRESS: 39 Delhi Road, North Ryde, NSW 2113

REQUEST NO: 114821

SAMPLE IDENTIFICATION: TDDFA2404368

LAB SAMPLE NO: 310320

SOURCE OF SAMPLE: Queensland

DATE SAMPLED: 19/09/2024

DATE RECEIVED: 23/09/2024

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	02/10/2024	2.07	AS 3583.5
Relative water requirement	03/10/2024	98%	AS 3583.6
Relative strength 7 days (accelerated)	10/10/2024	105%	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 14/10/2024

Serial no. \_\_\_\_\_

CEM114821.SE.1

