

FINAL REPORT

CERTIFICATE No.: 25912



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: TDDFA2401505
DATE DESPATCHED: 3/19/2024

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	90 %
LOI (AS 3583.3)	≤ 4.0 %	1.2 %
Moisture (AS 3583.2)	≤ 0.5 %	0.2 %
SO ₃ (AS 2350.2)	≤ 3.0 %	< 0.1 %
SiO ₂ (AS 2350.2)		72.6 %
Al ₂ O ₃ (AS 2350.2)		22.6 %
Fe ₂ O ₃ (AS 2350.2)		1.5 %
Chemical Composition (AS 2350.2)	≥ 70 %	97 %
Total Alkali (AS 2350.2)		0.4 %
Cl (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

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: 111756

SAMPLE IDENTIFICATION: TDDFA2401505

LAB SAMPLE NO: 301529

SOURCE OF SAMPLE: Boral Cement - Berrima

DATE SAMPLED: 19/03/2024

DATE RECEIVED: 16/04/2024

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	01/05/2024	2.10	AS 3583.5
Relative water requirement	02/05/2024	101%	AS 3583.6
Relative strength 7 days (accelerated)	09/05/2024	95%	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

11/05/2024

Serial no.

CEM111756.SE.1



NATA Accredited Laboratory
Number: 547