



**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: 117357

SAMPLE IDENTIFICATION: TDDFA2500520

LAB SAMPLE NO: 317890

SOURCE OF SAMPLE: Queensland

DATE SAMPLED: 20/02/2025

DATE RECEIVED: 24/02/2025

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	26/02/2025	2.07	AS 3583.5
Relative water requirement	27/02/2025	104%	AS 3583.6
Relative strength 7 days (accelerated)	06/03/2025	98%	AS 3583.6

Note:

- Sample supplied by the client and tested as received.

Melody Mancenido, Violeta Paicu, Jason Nairn, Mat. File, File

Approved signatory

Sam El-Hamawi

Date

07/03/2025

Serial no.

CEM117357.SE.1



FINAL REPORT

CERTIFICATE No.: 26900



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: TDDFA2500520
DATE DESPATCHED: 20/02/2025

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	86 %
LOI (AS 3583.3)	≤ 4.0 %	2.7 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SiO ₂ (AS 2350.2)		69.4 %
Al ₂ O ₃ (AS 2350.2)		24.3 %
Fe ₂ O ₃ (AS 2350.2)		1.1 %
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

Jason Nairn
National Technical Manager