

# FINAL REPORT

CERTIFICATE No.: 25996



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:** TDDFA2401943  
**DATE DESPATCHED:** 4/30/2024

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.1)	≥ 75 %	83 %
LOI (AS 3583.3)	≤ 4.0 %	2.2 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SO <sub>3</sub> (AS 2350.2)	≤ 3.0 %	< 0.1 %
SiO <sub>2</sub> (AS 2350.2)		74.0 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)		21.4 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.5 %
Chemical Composition (AS 2350.2)	≥ 70 %	96 %
Total Alkali (AS 2350.2)		0.4 %
CI (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**

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**TEST REPORT – FLYASH**

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

**FILE NO:** 50/24

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

**REQUEST NO:** 112287

**SAMPLE IDENTIFICATION:** TDDFA2401943

**LAB SAMPLE NO:** 303092

**SOURCE OF SAMPLE:** Boral Cement - Berrima

**DATE SAMPLED:** 30/04/2024

**DATE RECEIVED:** 14/05/2024

**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	22/05/2024	2.07	AS 3583.5
Relative water requirement	23/05/2024	99%	AS 3583.6
Relative strength 7 days (accelerated)	30/05/2024	96%	AS 3583.6

**Note:**

- Sample supplied by the client and tested as received.

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

Sam El-Hamawi

Approved signatory

Date 21/06/2024 Serial no. CEM112287.SE.2

