

FINAL REPORT

CERTIFICATE No.: 24287



Boral Cement Limited
N 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: TDDFA2204096
DATE DESPATCHED: 2/11/2022

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.3)	≥ 75 %	86 %
LOI (AS 3583.3)	≤ 4.0 %	2.2 %
Moisture (AS 3583.2)	≤ 0.5 %	0.2 %
SO ₃ (AS 2350.2)	≤ 3.0 %	0.1 %
SiO ₂ (AS 2350.2)		69.2 %
Al ₂ O ₃ (AS 2350.2)		24.7 %
Fe ₂ O ₃ (AS 2350.2)		1.8 %
Chemical Composition (AS 2350.2)	≥ 70 %	96 %
Total Alkali (AS 2350.2)		0.5 %
Cl (AS 2350.2)	≤ 0.1 %	< 0.01 %

REMARKS

Sampling not carried out by laboratory. Samples tested as received.



Accredited for compliance with ISO/IEC 17025 - Testing

Marc Smith
Technical Services Manager

TEST REPORT – FLYASH**CLIENT:** BORAL CEMENT – (TECHNICAL)**FILE NO:** 50/22**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113**REQUEST NO:** 103023**SAMPLE IDENTIFICATION:** TDDFA2204096**LAB SAMPLE NO:** 276187**SOURCE OF SAMPLE:** Boral Cement - Berrima**DATE SAMPLED:** 02/11/2022**DATE RECEIVED:** 21/11/2022**IDENTIFICATION OF CEMENT USED:** Boral Cement SL Berrima Ref. 2019**TEST METHOD:** AS 3583: Methods of test for supplementary cementitious materials for use with Portland cement

PROPERTY	DATE TESTED	RESULT	TEST METHOD
Relative density	07/12/2022	2.16	AS 3583.5
Relative water requirement	08/12/2022	103%	AS 3583.6
Relative strength 7 days (accelerated)	15/12/2022	95%	AS 3583.6

Note:

- Sample supplied by the client and tested as received.

Marc Smith, Parisa Sowti, Violeta Paicu, Stephanie Koehler, Mat. File, File

Approved Signatory

 Julius Alvaro

Date

19/12/2022

Serial No.

CEM103023.JA.3

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Test results in this Test Report relate only to the samples tested.



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