

FINAL REPORT

CERTIFICATE No.: 24702



Boral Cement Limited
N 62 008 528 523
Taylor Avenue New Berrima NSW 2577
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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: TDDFA2301028
DATE DESPATCHED: 15/03/2023

PROPERTY	REQUIREMENTS OF AS 3582.1 - Grade 1	RESULT
Fineness (AS 3583.3)	≥ 75 %	82 %
LOI (AS 3583.3)	≤ 4.0 %	2.5 %
Moisture (AS 3583.2)	≤ 0.5 %	< 0.1 %
SO ₃ (AS 2350.2)	≤ 3.0 %	< 0.1 %
SiO ₂ (AS 2350.2)		70.8 %
Al ₂ O ₃ (AS 2350.2)		22.8 %
Fe ₂ O ₃ (AS 2350.2)		1.3 %
Chemical Composition (AS 2350.2)	≥ 70 %	95 %
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

A handwritten signature in blue ink, appearing to read "Marc Smith".

Marc Smith
Technical Services Manager

TEST REPORT – FLYASH

CLIENT: BORAL CEMENT – (TECHNICAL)

FILE NO: 50/23

ADDRESS: 39 Delhi Road, North Ryde, NSW 2113

REQUEST NO: 105015

SAMPLE IDENTIFICATION: TDDFA2301028

LAB SAMPLE NO: 281602

SOURCE OF SAMPLE: Boral Cement - Berrima

DATE SAMPLED: 15/03/2023

DATE RECEIVED: 28/03/2023

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	03/04/2023	2.09	AS 3583.5
Relative water requirement	13/04/2023	101%	AS 3583.6
Relative strength 7 days (accelerated)	20/04/2023	99%	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 C. Alvaro Julius Alvaro
Date 26/04/2023 Serial No. CEM105015.JA.1Accredited for compliance with ISO/IEC 17025 – Testing
This report shall not be reproduced in full without the approval of the Boral MTS Laboratory.
Test results in this Test Report relate only to the samples tested.NATA Accredited Laboratory
Number: 547