

## FINAL REPORT

CERTIFICATE No.: 26951



Boral Cement Limited

ABN 62 008 528 523

Taylor Avenue New Berrima NSW 2577

Locked Bag 4 New Berrima NSW 2577

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**TEST CERTIFICATE OF:** Geelong Daily Despatch Enviroment  
**PRODUCED AT:** Boral Cement Limited Geelong  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** GDDNM2500770  
**DATE DESPATCHED:** 2/03/2025

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.4 %
LOI (AS 3583.3)		0.1 %
SO <sub>3</sub> (AS 2350.2; TM 10.01.07)		3.8 %
MgO (AS 2350.2)	≤ 15.0 %	5.2 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)	≤ 18.0 %	13.9 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.6 %
expressed as FeO *		0.5 %
Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.2 %
expressed as MnO *		0.1 %
Total Alkali (AS 2350.2)		0.4 %
Cl (AS 2350.2)	≤ 0.1 %	0.01 %
Fineness passing 45µm sieve (AS 3583.1)		98 %
Fineness Index (AS/NZ 2350.8)		450 m <sup>2</sup> /kg

### REMARKS

Sampling not carried out by laboratory. Samples tested as received and results only relate to the item tested.

\* NATA accreditation does not cover the performance of this service.



Accredited for compliance with ISO/IEC 17025 - Testing

Melody Mancenido  
(Technical Services Manager)



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**TEST REPORT – MILLED SLAG**

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

**FILE NO:** 50/25

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

**REQUEST NO:** 117621

**LAB SAMPLE NO:** 318588

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

**DATE RECEIVED:** 11/03/2025

**SAMPLE IDENTIFICATION:** Enviroment ID # GDDNM2500770 - Date sampled: 02/03/2025

**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	TEST METHOD	RESULT	DATE TESTED
Relative density	AS 3583.5	2.88	19/03/2025
Relative water requirement	AS 3583.6	102%	20/03/2025
Relative strength 7 days (accelerated)	AS 3583.6	104%	27/03/2025
Relative strength 28 days (standard)	AS 3583.6	102%	17/04/2025

Melody Mancenido, Rebecca Jordan, Mat File, File

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory

Sam El-Hamawi

Date

24/04/2025

Serial no.

CEM117621.SE.1





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## TEST REPORT

CLIENT: Boral Cement - Technical  
39 Delhi Road, North Ryde, NSW 2113.

FILE No:50/25

PROJECT: Testing of Enviroment Sample from Boral Cement - Geelong

REQUEST No: 117621

**TEST PROCEDURE:** AS 3583.14 - 1991 – Determination of Insoluble Residue.  
AS 3583.8 – Determination of Sulfuric Anhydride content

Laboratory Sample No.: 318588  
Date Sampled: 02/03/2025  
Date Received: 11/03/2025  
Date Tested : 09/04/2025-11/04/2025  
Sample Description: Enviroment ID #  
GDDNM2500770

Field No.: 1

## TEST RESULTS:

Insoluble Residue (%) 0.4  
Sulphate as SO<sub>3</sub> (m/m %) 3.8

### Note:

- Sample was provided by the Client and tested as received.

Brad Vanderburg, Jason Nairn, Melody Mancenido, Rebecca Jordan, File.

Approved signatory

Nanthini Selvadurai

Date

16-04-25

Serial no.

CHEM117621.NS.1



NATA Accredited Laboratory  
Number: 9968



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## TEST REPORT

CLIENT: BORAL CEMENT – TECHNICAL  
39 Delhi Road, North Ryde, NSW 2113.

FILE No.:50 / 25

PROJECT: Testing of Enviroment Sample from Boral Cement – Geelong.

REQUEST No.: 117621

**TEST PROCEDURE:** AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 318588  
Date Sampled: 02/03/2025  
Date Received: 11/03/2025  
Date Tested: 26/03/2025  
Sample Description: Enviroment ID #  
GDDNM2500770  
Field No.: 1

## TEST RESULTS:

Sulfide Sulfur as S (%) 1.17

- Sample was provided by the Client and tested as received.
- Test results in this test report relate only to the sample tested.
- This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory.

Nanthini S  
16<sup>th</sup> April 2025.

Brad Vanderburg, Jason Nairn, Melody Mancenido, Rebecca Jordan, File.