

## FINAL REPORT

CERTIFICATE No.: 27079



Boral Cement Limited

ABN 62 008 528 523

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**TEST CERTIFICATE OF:** Geelong Daily Despatch Enviroment  
**PRODUCED AT:** Boral Cement Limited Geelong  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** GDDNM2501415  
**DATE DESPATCHED:** 7/04/2025

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.4 %
LOI (AS 3583.3)		0.6 %
SO <sub>3</sub> (AS 2350.2; TM 10.01.07)		4.0 %
MgO (AS 2350.2)	≤ 15.0 %	6.0 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)	≤ 18.0 %	14.1 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.7 %
expressed as FeO *		0.6 %
Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.2 %
expressed as MnO *		0.2 %
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)		455 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:** 118160

**LAB SAMPLE NO:** 320295

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

**DATE RECEIVED:** 15/04/2025

**SAMPLE IDENTIFICATION:** Enviroment ID # GDDNM2501415 - Date sampled: 07/04/2025

**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	2.86	23/04/2025
Relative water requirement	AS 3583.6	101%	24/04/2025
Relative strength 7 days (accelerated)	AS 3583.6	105%	01/05/2025
Relative strength 28 days (standard)	AS 3583.6	101%	22/05/2025

Melody mancenido, Rebecca Jordan, Mat File, File

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory

Sam El-Hamawi

CEM118160.SE.1

Date

26/05/2025

Serial no.





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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: 118160

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

Laboratory Sample No.: 320295  
Date Sampled: 07/04/2025  
Date Received: 15/04/2025  
Date Tested : 14/05/2025-21/05/2025  
Sample Description: Enviroment ID #  
GDDNM2501415

Field No.: 1

## TEST RESULTS:

Insoluble Residue (%) 0.4  
Sulphate as SO<sub>3</sub> (m/m %) 4.0

### Note:

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

Jason Nairn, Melody Mancenido, Rebecca Jordan, File.

Approved signatory

Nanthini Selvadurai

Date

23-05-25

Serial no.

CHEM118160.NS.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 Environment Sample from Boral Cement – Geelong.

REQUEST No.: 118160

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

Laboratory Sample No.: 320295  
Date Sampled: 07/04/2025  
Date Received: 15/04/2025  
Date Tested: 23/05/2025  
Sample Description: Environment ID #  
GDDNM2501415  
Field No.: 1

### TEST RESULTS:

Sulfide Sulfur as S (%) 1.08

- 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  
23<sup>rd</sup> May 2025.  
Jason Nairn, Melody Mancenido, Rebecca Jordan, File.