

## FINAL REPORT

CERTIFICATE No.: 27117



Boral Cement Limited

ABN 62 008 528 523

Taylor Avenue New Berrima NSW 2577

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**TEST CERTIFICATE OF:** Maldon Daily Despatch Environment  
**PRODUCED AT:** Boral Cement Limited Maldon  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** MDDNM2501591  
**DATE DESPATCHED:** 5/05/2025

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.5 %
LOI (AS 3583.3)		-0.6 %
SO <sub>3</sub> (AS 2350.2; TM 10.01.07)		1.5 %
MgO (AS 2350.2)	≤ 15.0 %	5.7 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)	≤ 18.0 %	13.0 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.8 %
expressed as FeO *		0.7 %
Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.5 %
expressed as MnO *		0.5 %
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/NZS 2350.8)		395 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 – MALDON CEMENT

**FILE NO:** 50/25

**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571

**REQUEST NO:** 118429

**LAB SAMPLE NO:** 321096

**SOURCE OF SAMPLE:** Maldon

**DATE RECEIVED:** 08/05/2025

**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2501591 - w/e 10/05/2025 - Date sampled: 05/05/2025

**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	2.93	13/05/2025
Relative water requirement	AS 3583.6	100%	15/05/2025
Relative strength 7 days (accelerated)	AS 3583.6	114%	22/05/2025
Relative strength 28 days (standard)	AS 3583.6	111%	12/06/2025

Violeta Paicu, Melody Mancenido, Rebecca Jordan, David de Melo, Mat File, File

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory

Sam El-Hamawi

CEM118429.SE.1

Date

16/06/2025

Serial no.





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Materials Technical Services

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## TEST REPORT

CLIENT: Boral Cement Maldon  
Maldon Bridge Road, Maldon, NSW 2571.

FILE No:50/25

PROJECT: Testing of Enviroment Sample from Maldon.

REQUEST No: 118429

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

Laboratory Sample No.: 321096  
Date Sampled: 05/05/2025  
Date Received: 08/05/2025  
Date Tested : 14/05/2025-21/05/2025  
Sample Description: Enviroment ID #  
MDDNM2501591

Field No.: 1

## TEST RESULTS:

Insoluble Residue (%) 0.6  
Sulphate as SO<sub>3</sub> (m/m %) 1.4

### Note:

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

Violeta Paicu, Melody Mancenido, Rebecca Jordan, David De Melo, File.

Approved signatory

Nanthini Selvadurai

Date

11-06-25

Serial no.

CHEM118429.NS.1



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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: 9968



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## TEST REPORT

CLIENT: BORAL CEMENT – MALDON CEMENT  
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50 / 25

PROJECT: Testing of Enviroment Sample from Maldon.

REQUEST No.: 118429

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

Laboratory Sample No.: 321096  
Date Sampled: 05/05/2025  
Date Received: 08/05/2025  
Date Tested: 23/05/2025  
Sample Description: Enviroment ID #  
MDDNM2501591  
Field No.: 1

### TEST RESULTS:

Sulfide Sulfur as S (%) 0.20

- Sample was provided by the Client and tested as received.
- Test results in this test report relate only to the sample tested.
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Nanthini S  
23<sup>rd</sup> May 2025.

Violeta Paicu, Melody Mancenido, Rebecca Jordan, David De Melo, File.