

# FINAL REPORT

CERTIFICATE No.: 25807



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:** Maldon Daily Despatch Environment  
**PRODUCED AT:** Boral Cement Limited Maldon  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** MDDNM2400857  
**DATE DESPATCHED:** 3/4/2024

| PROPERTY   | REQUIREMENTS OF AS 3582.2 | RESULT                 |
|--|---------------------------|------------------------|
| Insoluble Residue (AS 3583.14)                                   |                           | 0.4 %                  |
| LOI (AS 3583.3)  |                           | -0.8 %                 |
| SO <sub>3</sub> (AS 2350.2; TM 10.01.07)                         |                           | 0.1 %                  |
| MgO (AS 2350.2)  | ≤ 15.0 %                  | 5.8 %                  |
| 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)<br>expressed as FeO * |                           | 1.0 %<br>0.9 %         |
| Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2)<br>expressed as MnO * |                           | 0.4 %<br>0.4 %         |
| 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)                                   |                           | 435 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

A handwritten signature in blue ink, appearing to read "SNairn", with a horizontal line underneath.

Jason Nairn  
National Technical Manager



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**TEST REPORT – MILLED SLAG**

**CLIENT:** BORAL CEMENT – MALDON CEMENT

**FILE NO:** 50/24

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

**REQUEST NO:** 111099

**LAB SAMPLE NO:** 299856

**SOURCE OF SAMPLE:** Maldon

**DATE RECEIVED:** 07/03/2024

**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2400857 - w/e 09/03/2024 - Date sampled: 04/03/2024

**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   | 12/03/2024  |
| Relative water requirement             | AS 3583.6   | 99%    | 14/03/2024  |
| Relative strength 7 days (accelerated) | AS 3583.6   | 114%   | 21/03/2024  |
| Relative strength 28 days (standard)   | AS 3583.6   | 113%   | 11/04/2024  |

Parisa Sowti, Violeta Paicu, Brad Vanderburg, Jason Nairn, Mat File, File

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory  Sam El-Hamawi  
Date 15/04/2024 Serial no. CEM111099.SE.1





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## TEST REPORT

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

FILE No.:50 / 24

PROJECT: Testing of Maldon Enviroment Sample.

REQUEST No.: 111099

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

Laboratory Sample No.: 299856  
Date Sampled: 04/03/2024  
Date Received: 07/03/2024  
Date Tested: 18/03/2024  
Sample Description: Enviroment  
ID # MDDNM2400857  
Field No.: 1

### TEST RESULTS:

Sulfide Sulfur as S (%) 0.11

Sample submitted by the Client.

- Sample was provided by the Client.
- 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  
18<sup>th</sup> March 2024.

Parisa Sowti, Violeta Paicu, Brad Vanderburg, Jason Nairn, Mat.File, File.