

## FINAL REPORT

CERTIFICATE No.: 25125



Boral Cement Limited  
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TEST CERTIFICATE OF: Maldon Daily Despatch Environment  
PRODUCED AT: Boral Cement Limited Maldon  
TESTED AT: Berrima Works Laboratory  
SAMPLE IDENTIFICATION: MDDNM2302858  
DATE DESPATCHED: 1/08/2023

| PROPERTY                                   | REQUIREMENTS OF AS 3582.2 | RESULT                 |
|--|---------------------------|------------------------|
| Insoluble Residue (AS 3583.14)             |                           | 0.6 %                  |
| LOI (AS 3583.3)                            |                           | -0.8 %                 |
| SO <sub>3</sub> (AS 2350.2; TM 10.01.07)   |                           | 0.4 %                  |
| MgO (AS 2350.2)                            | ≤ 15.0 %                  | 5.7 %                  |
| Al <sub>2</sub> O <sub>3</sub> (AS 2350.2) | ≤ 18.0 %                  | 13.2 %                 |
| Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2) |                           | 1.0 %                  |
| expressed as FeO *                         |                           | 0.9 %                  |
| Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2) |                           | 0.5 %                  |
| expressed as MnO *                         |                           | 0.4 %                  |
| Total Alkali (AS 2350.2)                   |                           | 0.4 %                  |
| Cl (AS 2350.2)                             | ≤ 0.1 %                   | < 0.01 %               |
| 45µm Residue (AS 3583.1)                   |                           | 1.5 %                  |
| Fineness Index (AS 2350.8)                 |                           | 435 m <sup>2</sup> /kg |

### REMARKS

Sampling not carried out by laboratory. Samples tested as received.

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



Accredited for compliance with ISO/IEC 17025 - Testing



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Marc Smith  
Technical Services Manager

**TEST REPORT – MILLED SLAG****CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/23**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 107178**LAB SAMPLE NO:** 288119**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 03/08/2023**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2302858- w/e 05/08/2023 - Date sampled: 01/08/2023**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                               | TEST METHOD | RESULT | DATE TESTED |
|--|-------------|--------|-------------|
| Relative density                       | AS 3583.5   | 2.91   | 08/08/2023  |
| Relative water requirement             | AS 3583.6   | 98%    | 10/08/2023  |
| Relative strength 7 days (accelerated) | AS 3583.6   | 116%   | 17/08/2023  |
| Relative strength 28 days (standard)   | AS 3583.6   | 111%   | 07/09/2023  |

Parisa Sowti, Violeta Paicu, Brad Vanderburg, Stephanie Koehler, Mat File, File

**Note:**

- Sample supplied by the client and tested as received.

Approved Signatory



Sam El-Hamawi

Date

18/9/23

Serial No.

CEM107178.SE.1

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Test results in this Test Report relate only to the samples tested.



NATA Accredited Laboratory  
Number: 547



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**TEST REPORT**

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

FILE No.:50 / 23

PROJECT: Testing of Maldon Enviroment weekly sample.

REQUEST No.: 107178

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

Laboratory Sample No.: 288119  
Date Sampled: 01/08/2023  
Date Received: 03/08/2023  
Date Tested: 07/08/2023  
Sample Description: Enviroment  
ID # MDDNM2302858  
Field No.: 1

**TEST RESULTS:**

Sulfide Sulfur as S (%) 0.29

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results in this test report relate only to the sample tested.
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Nanthini S

07<sup>th</sup> August 2023

Parisa Sowti, Violeta Paicu, Brad Vanderburg, Stephanie, Koehler, Mat.File, File.