

## FINAL REPORT

CERTIFICATE No.: 24377



Boral Cement Limited  
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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: MDDNM2204372  
DATE DESPATCHED: 5/12/2022

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.3 %
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 %	5.6 %
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)		0.9 %
expressed as FeO *		0.8 %
Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2)		0.4 %
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)		2.1 %
Fineness Index (AS 2350.8)		420 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

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Materials Technical Services**Unit 4, 3-5 Gibbon Road  
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[boral.com.au](http://boral.com.au)**TEST REPORT – MILLED SLAG****CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/22**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 103355**LAB SAMPLE NO:** 277044**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 08/12/2022**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2204372 - w/e 10/12/2022 - Date sampled: 05/12/2022**IDENTIFICATION OF CEMENT USED:** Boral Cement SL Berrima Ref. 2019**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	14/12/2022
Relative water requirement	AS 3583.6	100%	15/12/2022
Relative strength 7 days (accelerated)	AS 3583.6	106%	22/12/2022
Relative strength 28 days (standard)	AS 3583.6	104%	12/01/2023

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

**Note:**

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

Approved Signatory

Muans Abdulnebe

Date

20/01/23

Serial No.

CEM103355.MA.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 / 22

PROJECT: Testing of Maldon Enviroment weekly sample.

REQUEST No.: 103355

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

Laboratory Sample No.: 277044  
Date Sampled: 05/12/2022  
Date Received: 08/12/2022  
Date Tested: 22/12/2022  
Sample Description: Enviroment  
ID # MDDNM2204372  
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

15<sup>th</sup> November 2022

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