

# FINAL REPORT

CERTIFICATE No.: 26113



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:** MDDNM2402404  
**DATE DESPATCHED:** 6/3/2024

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.4 %
LOI (AS 3583.3)		-1.0 %
SO <sub>3</sub> (AS 2350.2; TM 10.01.07)		0.1 %
MgO (AS 2350.2)	≤ 15.0 %	5.3 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)	≤ 18.0 %	13.3 %
Fe <sub>2</sub> O <sub>3</sub> (AS 2350.2) expressed as FeO *		1.1 % 1.0 %
Mn <sub>2</sub> O <sub>3</sub> (AS 2350.2) expressed as MnO *		0.4 % 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".

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:** 112771

**LAB SAMPLE NO:** 304308

**SOURCE OF SAMPLE:** Maldon

**DATE RECEIVED:** 06/06/2024

**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2402404 - w/e 08/06/2024 - Date sampled: 03/06/2024

**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	2.94	12/06/2024
Relative water requirement	AS 3583.6	98%	13/06/2024
Relative strength 7 days (accelerated)	AS 3583.6	122%	20/06/2024
Relative strength 28 days (standard)	AS 3583.6	117%	11/07/2024

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

**Note:**

- Sample supplied by the client and tested as received.

Approved signatory

Sam El-Hamawi

Date

22/07/2024

Serial no.

CEM112771.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.: 112771

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

Laboratory Sample No.: 304308  
Date Sampled: 03/06/2024  
Date Received: 06/06/2024  
Date Tested: 08/07/2024  
Sample Description: Enviroment  
ID # MDDNM2402404  
Field No.: 1

### TEST RESULTS:

Sulfide Sulfur as S (%) 0.32

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  
09<sup>th</sup> July 2024

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