

# FINAL REPORT

CERTIFICATE No.: 25244



Boral Cement Limited

N 62 008 528 523

Taylor Avenue New Berrima NSW 2577

Locked Bag 4 New Berrima NSW 2577

T +61 2 4860 2222

**TEST CERTIFICATE OF:** Maldon Daily Despatch Environment  
**PRODUCED AT:** Boral Cement Limited Maldon  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** MDDNM2303509  
**DATE DESPATCHED:** 4/09/2023

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.5 %
LOI (AS 3583.3)		-0.9 %
SO <sub>3</sub> (AS 2350.2; TM 10.01.07)		0.3 %
MgO (AS 2350.2)	≤ 15.0 %	5.9 %
Al <sub>2</sub> O <sub>3</sub> (AS 2350.2)	≤ 18.0 %	13.8 %
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 *		0.5 % 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 2350.8)		375 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

Marc Smith  
Technical Services Manager

TEST REPORT – MILLED SLAG

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**CLIENT:** BORAL CEMENT – MALDON CEMENT

**FILE NO:** 50/23

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

**REQUEST NO:** 107812

**LAB SAMPLE NO:** 289984

**SOURCE OF SAMPLE:** Maldon

**DATE RECEIVED:** 07/09/2023

**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2303509- w/e 09/09/2023 - Date sampled: 04/09/2023

**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	2.94	12/09/2023
Relative water requirement	AS 3583.6	99%	14/09/2023
Relative strength 7 days (accelerated)	AS 3583.6	113%	21/09/2023
Relative strength 28 days (standard)	AS 3583.6	111%	12/10/2023

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

**Note:**

- Sample supplied by the client and tested as received.

Approved Signatory  Sam El-Hamawi  
Date 21/10/23 Serial No. CEM107812.SE.1





**Building  
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great**

## 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.: 107812

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

Laboratory Sample No.: 289984  
Date Sampled: 04/09/2023  
Date Received: 07/09/2023  
Date Tested: 29/09/2023  
Sample Description: Enviroment  
ID # MDDNM2303509  
Field No.: 1

### TEST RESULTS:

Sulfide Sulfur as S (%) 0.12

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  
12<sup>th</sup> October 2023

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