

FINAL REPORT

CERTIFICATE No.: 24168



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: MDDNM2203487
DATE DESPATCHED: 4/10/2022

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.5 %
LOI (AS 3583.3)		-0.9 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.3 %
MgO (AS 2350.2)	≤ 15.0 %	5.8 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	13.4 %
Fe ₂ O ₃ (AS 2350.2)		1.1 %
expressed as FeO *		1.0 %
Mn ₂ O ₃ (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)		1.3 %
Fineness Index (AS 2350.8)		380 m ² /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**CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/22**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 102226**LAB SAMPLE NO:** 274211**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 06/10/2022**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2203487 - w/e 08/10/2022 - Date sampled: 04/10/2022**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	11/10/2022
Relative water requirement	AS 3583.6	100%	13/10/2022
Relative strength 7 days (accelerated)	AS 3583.6	105%	20/10/2022
Relative strength 28 days (standard)	AS 3583.6	102%	10/11/2022

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

Note:

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

Approved Signatory Julius C Alvaro Julius Alvaro
Date 11/10/2022 Serial No. CEM102226.JA.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.: 102226

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 274211
Date Sampled: 04/10/2022
Date Received: 06/10/2022
Date Tested: 15/11/2022
Sample Description: Enviroment
ID # MDDNM2203487
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.39

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

15th November 2022

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