

FINAL REPORT

CERTIFICATE No.: 26295



Boral Cement Limited

ABN 62 008 528 523

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TEST CERTIFICATE OF: Maldon Daily Despatch Environment
PRODUCED AT: Boral Cement Limited Maldon
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: MDDNM2403516
DATE DESPATCHED: 8/5/2024

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.4 %
LOI (AS 3583.3)		-1.0 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.1 %
MgO (AS 2350.2)	≤ 15.0 %	5.6 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	14.1 %
Fe ₂ O ₃ (AS 2350.2)		0.8 %
expressed as FeO *		0.7 %
Mn ₂ O ₃ (AS 2350.2)		0.4 %
expressed as MnO *		0.4 %
Total Alkali (AS 2350.2)		0.5 %
Cl (AS 2350.2)	≤ 0.1 %	< 0.01 %
Fineness passing 45µm sieve (AS 3583.1)		98 %
Fineness Index (AS/NZS 2350.8)		425 m ² /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

NATA Accreditation Number: 530 / 531

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Jason Nairn
National Technical Manager

Date of Issue: 8/26/2024



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Materials Technical Services

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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: 113999

LAB SAMPLE NO: 307656

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 08/08/2024

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2403516 - w/e 10/08/2024 - Date sampled: 05/08/2024

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	2.93	14/08/2024
Relative water requirement	AS 3583.6	98%	15/08/2024
Relative strength 7 days (accelerated)	AS 3583.6	125%	22/08/2024
Relative strength 28 days (standard)	AS 3583.6	119%	12/09/2024

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 16/09/2024

Serial no.

CEM113999.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 / 24

PROJECT: Testing of Maldon Enviroment Sample.

REQUEST No.: 113999

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 307656
Date Sampled: 05/08/2024
Date Received: 08/08/2024
Date Tested: 12/08/2024
Sample Description: Enviroment
ID # MDDNM2403516
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.26

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

16th August 2024

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