

FINAL REPORT

CERTIFICATE No.: 24739



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: MDDNM2301134
DATE DESPATCHED: 3/04/2023

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.6 %
LOI (AS 3583.3)		-0.6 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.4 %
MgO (AS 2350.2)	≤ 15.0 %	5.7 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	13.5 %
Fe ₂ O ₃ (AS 2350.2)		0.9 %
expressed as FeO *		0.8 %
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)		420 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:** 50/23**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 105152**LAB SAMPLE NO:** 282078**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 06/04/2023**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2301134- w/e 08/04/2023 - Date sampled: 03/04/2023**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	2.91	12/04/2023
Relative water requirement	AS 3583.6	99%	13/04/2023
Relative strength 7 days (accelerated)	AS 3583.6	111%	20/04/2023
Relative strength 28 days (standard)	AS 3583.6	109%	11/05/2023

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

Note:

- Sample supplied by the client and tested as received.

Approved Signatory Julius C. Alvaro Julius Alvaro
Date 12/05/2023 Serial No. CEM105152.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 / 23

PROJECT: Testing of Maldon Enviroment weekly sample.

REQUEST No.: 105152

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 282078
Date Sampled: 03/04/2023
Date Received: 06/04/2023
Date Tested: 12/04/2023
Sample Description: Enviroment
ID # MDDNM2301134
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.46

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

12th April 2023

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