

FINAL REPORT

CERTIFICATE No.: 25509



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: MDDNM2305073
DATE DESPATCHED: 4/12/2023

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.4 %
LOI (AS 3583.3)		-0.7 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.2 %
MgO (AS 2350.2)	≤ 15.0 %	5.7 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	13.4 %
Fe ₂ O ₃ (AS 2350.2)		0.7 %
expressed as FeO *		0.6 %
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)		99 %
Fineness Index (AS 2350.8)		410 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: 109518

LAB SAMPLE NO: 295572

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 06/12/2023

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2305073- w/e 09/12/2023 - Date sampled: 04/12/2023

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	12/12/2023
Relative water requirement	AS 3583.6	100%	14/12/2023
Relative strength 7 days (accelerated)	AS 3583.6	120%	21/12/2023
Relative strength 28 days (standard)	AS 3583.6	114%	11/01/2024

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

12/01/24

Serial No.

CEM109518.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 / 23

PROJECT: Testing of Maldon Enviroment weekly sample.

REQUEST No.: 109518

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 295572
Date Sampled: 04/12/2023
Date Received: 06/12/2023
Date Tested: 20/12/2023
Sample Description: Enviroment
ID # MDDNM2305073
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.10

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
20th December 2023
Parisa Sowti, Violeta Paicu, Brad Vanderburg, Mat.File, File.