



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
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www.boral.com.au

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT
Address: MALDON BRIDGE ROAD, MALDON, NSW 2571

FILE NO: 50/21

REQUEST NO: 93158

LAB SAMPLE NO: 249436

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 05/02/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2100301 - w/e 06/02/2021 - Date sampled: 02/02/2021

IDENTIFICATION OF CEMENT USED: Boral Cement SL Berrima Ref. 2019

TEST METHOD: AS3583: Methods of test for supplementary cementitious materials for use with Portland Cement

PROPERTY	TEST METHOD	RESULT	DATE TESTED
Fineness by the 45µm sieve	AS 3583.1	99%	11/03/2021
Relative density	AS 3583.5	2.91	10/02/2021
Relative water requirement	AS 3583.6	100%	11/02/2021
Relative strength 7 days (accelerated)	AS 3583.6	109%	18/02/2021
Relative strength 28 days (standard)	AS 3583.6	97%	11/03/2021

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

Note:

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



Approved Signatory Julius Alvaro
Date 12/03/2021 Serial No. CEM93158.JA.1

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Test results in this Test Report relate only to the samples tested

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Number: 547



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TEST REPORT

CLIENT: BORAL CEMENT – Maldon Cement
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/21

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 93158

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 249436
Date Sampled: 02/02/21
Date Received: 05/02/21
Date Tested: 09/03/21
Sample Description: Environment ID #
MDDNM2100301
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.03
Potassium as K₂O (%) 0.05
Available Alkali (%) 0.1

Available Alkali (%) = Na₂O (%) + (0.658 x K₂O %)

Note:

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

A.Datt, V.Paicu, B.Vanderburg,P.Sowti, Mat.File, File.



Approved Signatory

Nanthini Selvadurai

Date 10 - 03 - 21

Serial No.

CHEM93158.NS.1

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TEST REPORT

CLIENT: BORAL CEMENT – MALDON CEMENT
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/21

PROJECT: Testing of Maldon Enviroment Weekly Sample.

REQUEST No.: 93158

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 249436
Date Sampled: 02/02/21
Date Received: 05/02/21
Sample Description: Enviroment ID #
MDDNM2100301
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.4

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results relate only to the sample tested
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A handwritten signature in black ink, appearing to read "Nanthini S".

Nanthini S

Analytical Chemist

09th March 2021.

A.Datt, V.Paicu, B.Vanderburg, P.Sowti, Mat.File, File.