



**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia
PO Box 400, Winston Hills NSW 2153

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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: 94500

LAB SAMPLE NO: 253711

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 10/05/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2101264 - w/e 08/05/2021 - Date sampled: 03/05/2021

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%	10/06/2021
Relative density	AS 3583.5	2.93	12/05/2021
Relative water requirement	AS 3583.6	99%	13/05/2021
Relative strength 7 days (accelerated)	AS 3583.6	113%	20/05/2021
Relative strength 28 days (standard)	AS 3583.6	103%	10/06/2021

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

Note:

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



Approved Signatory Julius C. Alvaro Julius Alvaro
Date 10/06/2021 Serial No. CEM94500.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.: 94500

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 253711
Date Sampled: 03/05/21
Date Received: 10/05/21
Date Tested: 14/06/21
Sample Description: Environment ID #
MDDNM2101264
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.06
Potassium as K₂O (%) 0.06
Available Alkali (%) 0.1

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

Note:

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

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



Approved Signatory

Nanthini Selvadurai

Date 08-07-21

Serial No. CHEM94500.NS.1

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Number: 9968



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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.: 94500

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 253711
Date Sampled: 03/05/2021
Date Received: 10/05/2021
Date Tested: 18/05/2021
Sample Description: Environment ID
MDDNM2101264
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.50

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 "Taylah Cali".

TAYLAH CALI
19th May 2021.

Violeta Paicu, Brad Vanderburg, Parisa Sowt, Anveel Datt, Mat.File, File.