


**Boral Construction Materials
Materials Technical Services**

 Unit 4, 3-5 Gibbon Road
 Baulkham Hills NSW 2153 Australia
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www.boral.com.au

TEST REPORT – MILLED SLAG
CLIENT: BORAL CEMENT – MALDON CEMENT

FILE NO: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 97436

LAB SAMPLE NO: 261540

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 09/12/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2103793 - w/e 11/12/2021 - Date sampled: 06/12/2021

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

TEST METHOD: AS 3583: 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%	25/01/2022
Relative density	AS 3583.5	2.93	15/12/2021
Relative water requirement	AS 3583.6	101%	16/12/2021
Relative strength 7 days (accelerated)	AS 3583.6	108%	23/12/2021
Relative strength 28 days (standard)	AS 3583.6	105%	13/01/2022

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

Note:

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


 Approved Signatory Julius Alvaro Julius Alvaro

 Date 25/01/2022 Serial No. CEM97436.JA.1

 Accredited for compliance with ISO/IEC 17025 - Testing
 This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory
 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.: 97436

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 261540
Date Sampled: 06/12/2021
Date Received: 09/12/2021
Date Tested: 27/01/2022
Sample Description: Environment ID #
MDDNM2103793
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.06
Potassium as K₂O (%) 0.09
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 27-01-22

Serial No.

CHEM97436.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 Environment Weekly Sample.

REQUEST No.: 97436

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 261540
Date Sampled: 06/12/2021
Date Received: 09/12/2021
Date Tested: 21/01/2021
Sample Description: Environment ID
MDDNM2103793
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.50

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results in this test report relate only to the sample tested.
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A handwritten signature in black ink, appearing to read "Taylah Cali". The signature is stylized and somewhat cursive.

Taylah Cali

21st January 2022

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