


**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

FILE NO: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 97032

LAB SAMPLE NO: 260426

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 11/11/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2103447 - w/e 06/11/2021 - Date sampled: 05/11/2021

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% | 17/12/2021 |
| Relative density | AS 3583.5 | 2.93 | 17/11/2021 |
| Relative water requirement | AS 3583.6 | 99% | 18/11/2021 |
| Relative strength 7 days (accelerated) | AS 3583.6 | 111% | 25/11/2021 |
| Relative strength 28 days (standard) | AS 3583.6 | 104% | 16/12/2021 |

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

Note:

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


 Approved Signatory Julius C. Alvaro Julius Alvaro

 Date 20/12/2021 Serial No. CEM97032.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

NATA Accredited Laboratory

Number: 547



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TEST REPORT

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

FILE No.:50/21

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 97032

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 260426
Date Sampled: 05/11/2021
Date Received: 11/11/2021
Date Tested: 15/12/21
Sample Description: Environment ID #
MDDNM2103447
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.04
Potassium as K₂O (%) 0.04
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 20-12-21 Serial No. CHEM97032.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.: 97032

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 260426
Date Sampled: 05/11/2021
Date Received: 11/11/2021
Date Tested: 26/11/2021
Sample Description: Environment ID
MDDNM2103447
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.41

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 "Nanthini S".

Nanthini S

14th December 2021

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