



**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

FILE NO.: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO.: 95381

LAB SAMPLE NO: 255872

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 08/07/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2102030 - w/e 10/07/2021 - Date sampled: 05/07/2021

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%	13/08/2021
Relative density	AS 3583.5	2.93	04/07/2021
Relative water requirement	AS 3583.6	99%	15/07/2021
Relative strength 7 days (accelerated)	AS 3583.6	118%	22/07/2021
Relative strength 28 days (standard)	AS 3583.6	103%	12/08/2021

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 12/08/2021 Serial No. CEM95381.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.: 95381

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 255872
Date Sampled: 05/07/21
Date Received: 08/07/21
Date Tested: 25/08/21
Sample Description: Environment ID #
MDDNM2102030

Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.06
Potassium as K₂O (%) 0.10
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 25-08-21 Serial No. CHEM95381.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.: 95381

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 255872
Date Sampled: 05/07/2021
Date Received: 08/07/2021
Date Tested: 17/08/2021
Sample Description: Enviroment ID
MDDNM2102030
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.40

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".

Taylah Cali
19th August 2021
Violeta Paicu, Brad Vanderburg, Parisa Sowt, Mat.File, File.