



**Boral Construction Materials
Materials Technical Services**

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TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT

FILE NO: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 97033

LAB SAMPLE NO: 260427

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 11/11/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2103448 - w/e 13/11/2021 - Date sampled: 10/11/2021

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	110%	25/11/2021
Relative strength 28 days (standard)	AS 3583.6	102%	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. CEM97033.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.: 97033

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 260427
Date Sampled: 10/11/21
Date Received: 11/11/21
Date Tested: 15/12/21
Sample Description: Environment ID #
MDDNM2103448
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.04
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.

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

Approved Signatory  Nanthini Selvadurai

Date 20-12-21 Serial No. CHEM97033.NS.1



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