



**Boral Construction Materials
Materials Technical Services**

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TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT
Address: MALDON BRIDGE ROAD, MALDON, NSW 2571

FILE NO: 50/21

REQUEST NO: 94260

LAB SAMPLE NO: 253113

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 22/04/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2101077 - w/e 24/04/2021 - Date sampled: 19/04/2021

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%	06/05/2021
Relative density	AS 3583.5	2.93	28/04/2021
Relative water requirement	AS 3583.6	99%	29/04/2021
Relative strength 7 days (accelerated)	AS 3583.6	108%	06/05/2021
Relative strength 28 days (standard)	AS 3583.6	100%	27/05/2021

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 27/05/2021 Serial No. CEM94260.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.: 94260

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 253113
Date Sampled: 19/04/21
Date Received: 22/04/21
Date Tested: 24/05/21
Sample Description: Environment ID #
MDDNM2101077
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.04
Potassium as K₂O (%) 0.07
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

CHEM94260.NS.1

Date 25-05-21 Serial No.

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