


**Boral Construction Materials
Materials Technical Services**

 Unit 4, 3-5 Gibbon Road
 Baulkham Hills NSW 2153 Australia
 PO Box 400, Winston Hills NSW 2153

T: +61 (02) 9624 9900

F: +61 (02) 9624 9999

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: 97127

LAB SAMPLE NO: 260716

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 18/11/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2103516 - w/e 20/11/2021 - Date sampled: 15/11/2021

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%	20/12/2021
Relative density	AS 3583.5	2.93	24/11/2021
Relative water requirement	AS 3583.6	99%	25/11/2021
Relative strength 7 days (accelerated)	AS 3583.6	112%	02/12/2021
Relative strength 28 days (standard)	AS 3583.6	103%	23/12/2021

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

Note:

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


 Approved Signatory Julius Alvaro Julius Alvaro

 Date 23/12/2021 Serial No. CEM97127.JA.1

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 Test results in this Test Report relate only to the samples tested

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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.: 97127

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 260716
Date Sampled: 15/11/21
Date Received: 18/11/21
Date Tested: 27/01/22
Sample Description: Environment ID #
MDDNM2103516
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.04
Potassium as K₂O (%) 0.03
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 28-01-22 Serial No. CHEM97127.NS.1

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