


**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.: 95064

LAB SAMPLE NO: 255136

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 17/06/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2101834 - w/e 19/06/2021 - Date sampled: 15/06/2021

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%	19/07/2021
Relative density	AS 3583.5	2.93	23/06/2021
Relative water requirement	AS 3583.6	99%	24/06/2021
Relative strength 7 days (accelerated)	AS 3583.6	102%	01/07/2021
Relative strength 28 days (standard)	AS 3583.6	99%	22/07/2021

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

Note:

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


 ACCREDITED FOR
**TECHNICAL
 COMPETENCE**

 Approved Signatory: Julius Alvaro
 Date: 22/07/2021 Serial No. CEM95064.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.: 95064

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 255136
Date Sampled: 15/06/21
Date Received: 17/06/21
Date Tested: 11/08/21
Sample Description: Environment ID #
MDDNM2101834
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.05
Potassium as K₂O (%) 0.09
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 16-08-21 Serial No. CHEM95064.NS.1



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