


**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:** 93796**LAB SAMPLE NO:** 251945**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 18/03/2021**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2100712 - w/e 20/03/2021 - Date sampled: 15/03/2021**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%	01/04/2021
Relative density	AS 3583.5	2.91	24/03/2021
Relative water requirement	AS 3583.6	100%	25/03/2021
Relative strength 7 days (accelerated)	AS 3583.6	103%	01/04/2021
Relative strength 28 days (standard)	AS 3583.6	96%	22/04/2021

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 23/04/2021 Serial No. CEM93796.JA.1

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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 Enviroment Weekly Sample.

REQUEST No.: 93796

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 251945
Date Sampled: 15/03/21
Date Received: 18/03/21
Date Tested: 20/04/21
Sample Description: Enviroment ID #
MDDNM2100712
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.09
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

Date 21-04-21 Serial No. CHEM93796.NS.1

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