


**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:** 96682**LAB SAMPLE NO:** 259415**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 14/10/2021**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2103100 - w/e 16/10/2021 - Date sampled: 11/10/2021**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%	17/11/2021
Relative density	AS 3583.5	2.93	20/10/2021
Relative water requirement	AS 3583.6	99%	21/10/2021
Relative strength 7 days (accelerated)	AS 3583.6	116%	28/10/2021
Relative strength 28 days (standard)	AS 3583.6	110%	18/11/2021

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 AlvaroDate 19/11/2021 Serial No. CEM96682.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 Enviroment Weekly Sample.

REQUEST No.: 96682

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 259415
Date Sampled: 11/10/21
Date Received: 14/10/21
Date Tested: 12/11/21
Sample Description: Enviroment ID #
MDDNM2103100
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.06
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 25-11-21 Serial No. CHEM96682.NS.1



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