


**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:** 94821**LAB SAMPLE NO:** 254653**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 31/05/2021**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2101539 - w/e 29/05/2021 - Date sampled: 24/05/2021**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%	01/07/2021
Relative density	AS 3583.5	2.91	02/06/2021
Relative water requirement	AS 3583.6	99%	03/06/2021
Relative strength 7 days (accelerated)	AS 3583.6	104%	10/06/2021
Relative strength 28 days (standard)	AS 3583.6	99%	01/07/2021

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

Note:

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


 ACCREDITED FOR
**TECHNICAL
 COMPETENCE**
Approved Signatory Julius C. Alvaro Julius AlvaroDate 02/07/2021 Serial No. CEM94821.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.: 94821

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 254653
Date Sampled: 24/05/21
Date Received: 31/05/21
Date Tested: 07/07/21
Sample Description: Environment ID #
MDDNM2101539
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.05
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 08-07-21 Serial No. CHEM94821.NS.1

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