


**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: 50/20**REQUEST NO:** 90901**LAB SAMPLE NO:** 243569**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 19/08/2020**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2002363- w/e 15/08/2020 - Date sampled: 10/08/2020**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 %	27/08/2020
Relative density	AS 3583.5	2.91	19/08/2020
Relative water requirement	AS 3583.6	100 %	20/08/2020
Relative strength 7 days (accelerated)	AS 3583.6	113 %	27/08/2020
Relative strength 28 days (standard)	AS 3583.6	103 %	17/09/2020

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

Note:

- Sample submitted by the client and tested as received.



Approved Signatory

Sharjeel Mahmood

Date 28-09-2020 Serial No. CEM90901.SM.1
 Accredited for compliance with ISO/IEC 17025 - Testing
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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.:50/20

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 90901

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 243569
Date Sampled: 10/08/20
Date Received: 19/08/20
Date Tested: 24/09/20
Sample Description: Environment ID #
MDDNM2002363
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.04
Potassium as K₂O (%) 0.06
Available Alkali (%) 0.1

Available Alkali (%) = Na₂O (%) + (0.658 x K₂O %)

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V.Paicu, B.Vanderburg,P.Sowti, Mat.File, File.



Approved Signatory

Nanthini Selvadurai

CHEM90901.NS.1

Date 24-09-20

Serial No.

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