


**Boral Construction Materials
Materials Technical Services**

 Unit 4, 3-5 Gibbon Road
 Baulkham Hills NSW 2153 Australia
 PO Box 400, Winston Hills NSW 2153

T: +61 (02) 9624 9900

F: +61 (02) 9624 9999

www.boral.com.au

TEST REPORT – MILLED SLAG
CLIENT: BORAL CEMENT – MALDON CEMENT
 Address: MALDON BRIDGE ROAD, MALDON, NSW 2571
FILE NO: 50/20**REQUEST NO:** 90920**LAB SAMPLE NO:** 243633**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 20/08/2020**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2002430- w/e 22/08/2020 - Date sampled: 17/08/2020**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 %	03/09/2020
Relative density	AS 3583.5	2.91	26/08/2020
Relative water requirement	AS 3583.6	100 %	27/08/2020
Relative strength 7 days (accelerated)	AS 3583.6	118 %	03/09/2020
Relative strength 28 days (standard)	AS 3583.6	105 %	24/09/2020

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. CEM90920.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

NATA Accredited Laboratory

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 Enviroment Weekly Sample.

REQUEST No.: 90920

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.:	243633
Date Sampled:	17/08/20
Date Received:	20/08/20
Date Tested:	24/09/20
Sample Description:	Enviroment ID # MDDNM2002430
Field No.:	1

TEST RESULTS:

Sodium as Na ₂ O (%)	0.04
Potassium as K ₂ O (%)	0.06
Available Alkali (%)	0.1

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

Note:

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



Approved Signatory NLS Nanthini Selvadurai
Date 24-09-20 Serial No. CHEM90920.NS.1