



**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

FILE NO: 50/21

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 96771

LAB SAMPLE NO: 259686

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 21/10/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2103182 - w/e 23/10/2021 - Date sampled: 18/10/2021

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%	25/11/2021
Relative density	AS 3583.5	2.93	27/10/2021
Relative water requirement	AS 3583.6	99%	28/10/2021
Relative strength 7 days (accelerated)	AS 3583.6	116%	04/11/2021
Relative strength 28 days (standard)	AS 3583.6	112%	25/11/2021

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

Note:

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



Approved Signatory Julius Alvaro

Date 25/11/2021 Serial No. CEM96771.JA.1

Accredited for compliance with ISO/IEC 17025 - Testing
This report shall not be reproduced except in full without the approval of the Boral MTS Laboratory
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.:50/21

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 96771

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 259686
Date Sampled: 18/10/21
Date Received: 21/10/21
Date Tested: 30/11/21
Sample Description: Environment ID #
MDDNM2103182
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.05
Potassium as K₂O (%) 0.06
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 01-12-21 Serial No. CHEM96771.NS.1

