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

boral.com.au

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT **FILE NO:** 50/22

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571 **REQUEST NO:** 98147

LAB SAMPLE NO: 263607

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 16/02/2022

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2200401 - w/e 19/02/2022 - Date sampled: 14/02/2022

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%	24/03/2022
Relative density	AS 3583.5	2.91	23/02/2022
Relative water requirement	AS 3583.6	100%	24/02/2022
Relative strength 7 days (accelerated)	AS 3583.6	107%	03/03/2022
Relative strength 28 days (standard)	AS 3583.6	110%	24/03/2022

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 Alvaro

Date 29/03/2022 Serial No. CEM98147.JA.1

NATA Accredited Laboratory
Number: 547

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TEST REPORT

CLIENT: BORAL CEMENT – Maldon Cement
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/22

PROJECT: Testing of Maldon Enviroment Weekly Sample.

REQUEST No.: 98147

TEST PROCEDURE:
AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.:	263607
Date Sampled:	14/02/22
Date Received:	16/02/22
Date Tested:	28/03/22
Sample Description:	Enviroment ID # MDDNM2200401
Field No.:	1

TEST RESULTS:

Sodium as Na_2O (%)	0.04
Potassium as K_2O (%)	0.06
Available Alkali (%)	0.1

Available Alkali (%) = Na_2O (%) + (0.658 x K_2O %)

Note:

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

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

Approved Signatory _____ Nanthini Selvadurai
CHEM98147.NS.1

Date 28-03-22 Serial No. _____