Boral Construction Materials
Materials Technical Services

Unit 4, 3-5 Gibbon Road
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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: 92059

LAB SAMPLE NO: 246499

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 02/11/2020

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2003178 - w/e 31/10/2020 - Date sampled: 26/10/2020

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 %	12/11/2020
Relative density	AS 3583.5	2.91	04/11/2020
Relative water requirement	AS 3583.6	100 %	05/11/2020
Relative strength 7 days (accelerated)	AS 3583.6	110 %	12/11/2020
Relative strength 28 days (standard)	AS 3583.6	101 %	03/12/2020

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

Note:

- Sample submitted by the client and tested as received.

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

Approved Signatory _____ Sharjeel Mahmood

Date 04-12-2020 Serial No. CEM92059.SM.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.:50/20

PROJECT: Testing of Maldon Enviroment Weekly Sample.

REQUEST No.: 92059

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

Laboratory Sample No.:	246499
Date Sampled:	26/10/20
Date Received:	02/11/20
Date Tested:	08/12/20
Sample Description:	Enviroment ID # MDDNM2003178
Field No.:	1

TEST RESULTS:

Sodium as Na_2O (%)	0.03
Potassium as K_2O (%)	0.07
Available Alkali (%)	0.1

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

Note:

- Sample submitted by the Client.

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

Approved Signatory _____ Nanthini Selvadurai

Date 08-12-20 Serial No. CHEM92059.NS.1