



**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: 50/21

REQUEST NO: 93941

LAB SAMPLE NO: 252316

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 01/04/2021

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2100846 - w/e 03/04/2021 - Date sampled: 29/03/2021

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%	15/04/2021
Relative density	AS 3583.5	2.91	07/04/2021
Relative water requirement	AS 3583.6	100%	08/04/2021
Relative strength 7 days (accelerated)	AS 3583.6	113%	15/04/2021
Relative strength 28 days (standard)	AS 3583.6	106%	06/05/2021

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

Note:

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



Approved Signatory Julius Alvaro
Date 07/05/2021 Serial No. CEM93941.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 Enviroment Weekly Sample.

REQUEST No.: 93941

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 252316
Date Sampled: 29/03/21
Date Received: 01/04/21
Date Tested: 05/05/21
Sample Description: Enviroment ID #
MDDNM2100846
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.08
Potassium as K₂O (%) 0.12
Available Alkali (%) 0.2

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.

Nanthini Selvadurai

Approved Signatory _____
Date 06-05-21 Serial No. CHEM93941.NS.1

