

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT

FILE NO: 50/22

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 97722

LAB SAMPLE NO: 262407

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 20/01/2022

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2200058 - w/e 08/01/2022 - Date sampled: 04/01/2022

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%	03/02/2022
Relative density	AS 3583.5	2.91	26/01/2022
Relative water requirement	AS 3583.6	100%	27/01/2022
Relative strength 7 days (accelerated)	AS 3583.6	111%	03/02/2022
Relative strength 28 days (standard)	AS 3583.6	109%	24/02/2022

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 28/02/2022 Serial No. CEM97722.JA.1





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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 Environment Weekly Sample.

REQUEST No.: 97722

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 262407
Date Sampled: 04/01/2022
Date Received: 20/01/2022
Date Tested: 07/03/2022
Sample Description: Environment ID #
MDDNM2200058
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.06
Potassium as K₂O (%) 0.07
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 09-03-22 Serial No. CHEM97722.NS.1

NATA Accredited Laboratory

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TECHNICAL
COMPETENCE

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Test results in this Test Report relate only to the samples tested

Number: 9968



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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.: 97722

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 262407
Date Sampled: 04/01/2022
Date Received: 20/01/2022
Date Tested: 22/02/2022
Sample Description: Enviroment
ID # MDDNM2200058
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.85

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results in this test report relate only to the sample tested.
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A handwritten signature in black ink, appearing to read "Nanthini S".

Nanthini S

9th March 2022

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