


**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: 50/21**REQUEST NO:** 93542**LAB SAMPLE NO:** 251190**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 04/03/2021**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2100564 - w/e 06/03/2021 - Date sampled: 01/03/2021**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%	18/03/2021
Relative density	AS 3583.5	2.91	10/03/2021
Relative water requirement	AS 3583.6	99%	11/03/2021
Relative strength 7 days (accelerated)	AS 3583.6	106%	18/03/2021
Relative strength 28 days (standard)	AS 3583.6	96%	08/04/2021

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

Note:

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


 ACCREDITED FOR
**TECHNICAL
 COMPETENCE**

 Approved Signatory Julius C Alvaro Julius Alvaro
 Date 12/04/2021 Serial No. CEM93542.JA.1

 Accredited for compliance with ISO/IEC 17025 - Testing
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 Test results in this Test Report relate only to the samples tested

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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.: 93542

TEST PROCEDURE:

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 251190
Date Sampled: 01/03/21
Date Received: 04/03/21
Date Tested: 06/04/21
Sample Description: Enviroment ID #
MDDNM2100564
Field No.: 1

TEST RESULTS:

Sodium as Na₂O (%) 0.08
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.

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



Approved Signatory  Nanthini Selvadurai

Date 06-04-21 Serial No. CHEM93542.NS.1

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Number: 9968



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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.: 93542

TEST PROCEDURE: AS 3583.7 – Determination of Sulfide Sulfur content

Laboratory Sample No.: 251190
Date Sampled: 01/03/21
Date Received: 04/03/21
Sample Description: Enviroment ID #
MDDNM2100564
Field No.: 1

TEST RESULTS:

Sulfide Sulfur as S (%) 0.4

Sample submitted by the Client.

- Sample was provided by the Client.
- Test results relate only to the sample tested
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Nanthini S

Analytical Chemist

06th April 2021.

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