

**TEST REPORT – MILLED SLAG**

**CLIENT:** BORAL CEMENT – MALDON CEMENT

**FILE NO:** 50/22

**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571

**REQUEST NO:** 98619

**LAB SAMPLE NO:** 264769

**SOURCE OF SAMPLE:** Maldon

**DATE RECEIVED:** 18/03/2022

**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2200652 - w/e 19/03/2022 - Date sampled: 14/03/2022

**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%	31/03/2022
Relative density	AS 3583.5	2.93	22/03/2022
Relative water requirement	AS 3583.6	100%	24/03/2022
Relative strength 7 days (accelerated)	AS 3583.6	109%	31/03/2022
Relative strength 28 days (standard)	AS 3583.6	105%	21/04/2022

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 28/04/2022 Serial No. CEM98619.JA.1





**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

F: +61 (02) 9624 9999

www.boral.com.au

**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.: 98619

**TEST PROCEDURE:**

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 264769  
Date Sampled: 14/03/2022  
Date Received: 18/03/2022  
Date Tested: 28/04/2022  
Sample Description: Enviroment ID #  
MDDNM2200652  
Field No.: 1

**TEST RESULTS:**


Sodium as Na<sub>2</sub>O (%) 0.05  
Potassium as K<sub>2</sub>O (%) 0.05  
Available Alkali (%) 0.1

Available Alkali (%) = Na<sub>2</sub>O (%) + (0.658 x K<sub>2</sub>O %)

**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 28-04-22 Serial No. CHEM98619.NS.1



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

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Number: 9968