

FINAL REPORT

CERTIFICATE No.: 25025



Boral Cement Limited
N 62 008 528 523
Taylor Avenue New Berrima NSW 2577
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TEST CERTIFICATE OF: Maldon Daily Despatch Environment
PRODUCED AT: Boral Cement Limited Maldon
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: MDDNM2302375
DATE DESPATCHED: 3/07/2023

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.5 %
LOI (AS 3583.3)		-0.6 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.4 %
MgO (AS 2350.2)	≤ 15.0 %	5.8 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	12.6 %
Fe ₂ O ₃ (AS 2350.2)		0.9 %
expressed as FeO *		0.8 %
Mn ₂ O ₃ (AS 2350.2)		0.4 %
expressed as MnO *		0.4 %
Total Alkali (AS 2350.2)		0.4 %
Cl (AS 2350.2)	≤ 0.1 %	< 0.01 %
45µm Residue (AS 3583.1)		1.3 %
Fineness Index (AS 2350.8)		455 m ² /kg

REMARKS

Sampling not carried out by laboratory. Samples tested as received.

* NATA accreditation does not cover the performance of this service.



Accredited for compliance with ISO/IEC 17025 - Testing

A blue ink signature of Marc Smith.

Marc Smith
Technical Services Manager

TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – MALDON CEMENT

FILE NO: 50/23

ADDRESS: Maldon Bridge Road, Maldon, NSW 2571

REQUEST NO: 106686

LAB SAMPLE NO: 286613

SOURCE OF SAMPLE: Maldon

DATE RECEIVED: 06/07/2023

SAMPLE IDENTIFICATION: Enviroment ID # MDDNM2302375- w/e 10/07/2023 - Date sampled: 03/07/2023

IDENTIFICATION OF CEMENT USED: Boral Cement SL Berrima Ref. 2022

TEST METHOD: AS 3583: Methods of test for supplementary cementitious materials for use with Portland cement

PROPERTY	TEST METHOD	RESULT	DATE TESTED
Relative density	AS 3583.5	2.91	11/07/2023
Relative water requirement	AS 3583.6	98%	13/07/2023
Relative strength 7 days (accelerated)	AS 3583.6	117%	20/07/2023
Relative strength 28 days (standard)	AS 3583.6	116%	10/08/2023

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

Note:

- Sample supplied by the client and tested as received.

Approved Signatory  Sam El-Hamawi
Date 14/8/23 Serial No. CEM106686.SE.1

